

# PUBLIC HEALTH REPORTS

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## CONTROL OF VENEREAL DISEASES.

One million dollars will be expended by the Federal Government through the State boards of health in venereal-disease control during the fiscal year ending June 30, 1919. This sum is made available for expenditure, under regulations established by the Secretary of the Treasury, by an act of Congress approved July 9, 1918. An officer of the Public Health Service will have general charge of the work in each State in cooperation with the State health officer. The activities will be the following:

- (a) Securing of reports of venereal infections.
- (b) Control of those infected, so as to prevent further spread of the diseases.
- (c) Establishment of free venereal clinics.
- (d) Suppression of vicious conditions which favor the spread of venereal infections.
- (e) Carrying out of systematic educational program for the general public as well as for those who are infected.

The act gives authority for a new division in the Bureau of the Public Health Service, to be called the Division of Venereal Diseases. Such a division has been organized and a chief appointed.<sup>1</sup>

The act also grants authority to the Public Health Service for the regulation of the interstate travel of venereally infected persons. The regulations are in course of preparation.

## OFFICIAL CONTROL OF ANTIPNEUMOCOCCUS AND ANTI-MENINGOCOCCUS SERUMS.

By G. W. McCoy, Director, Hygienic Laboratory, and J. P. LEAKE, Passed Assistant Surgeon, United States Public Health Service.

The Secretary of the Treasury is charged by law with the supervision over such prophylactic and therapeutic serums and vaccines as are sold in interstate commerce for human use. Under this law, United States standards have been adopted for diphtheria antitoxin

<sup>1</sup> The venereal control work begun a few months ago by the Public Health Service through the Division of Domestic Quarantine has been taken over by the new division.

and tetanus antitoxin. These standards are commonly used by the allies of the United States as well as in this country. No standards of potency for other serums had been adopted because it was not felt until recently that the methods of comparing other serums as regards their curative power had passed beyond the experimental stage. Indeed, an opinion as to whether the greater part of the other serums in use are of any value at all would be open to question; it is primarily the antitoxic serums from which benefit is to be expected. Within recent years, by the use of more direct methods of application, the intravenous and the intraspinal routes, antipneumococcic serum and antimeningococcic serum have given clinical evidence of potency. Difficulties in the standardization of these agents have led to the necessity for a method of control somewhat different from that required in relation to the two antitoxins. Tests for potency of the two serums do not always give definite results, and in addition, in the case of antimeningococcic serum, there is difference of opinion as to what particular method of testing is most useful. These facts, together with unfavorable criticisms of the serums to be had in trade channels, led to the authorization for the testing at the Hygienic Laboratory of the United States Public Health Service, of all lots of each of these preparations made for sale in interstate traffic, and the requirement that all lots pass this test satisfactorily before being released for sale.

A summary of the results of this method of guarding against products of poor quality, and some considerations in connection with the testing, are presented here.

#### **Antipneumococcic Serum.**

It has been shown that pneumococci may be divided into several groups; in the case of one of these, Group I, the antiserum prepared by the immunization of horses appears to have therapeutic value. This Group I antiserum is manufactured by several commercial firms and by at least three institutions not engaged in selling the serum.

Serological tests, particularly agglutination tests, have been used to some extent in estimating the potency of the serum, but they are regarded as not trustworthy, and the only test which need be considered is that which is based on the power of the serum to protect mice against amounts of a virulent culture many times as large as that required to kill control mice. Irregularity of results is often encountered in carrying out this test. This need not occasion surprise, as we depend on the use of a living microorganism the virulence of which varies with different cultures of the same strain, with the same culture at different periods of growth or storage, and with other circumstances. Thus, it sometimes happens that a mouse

receiving one dose of the culture will perish, while mice given an amount twice or even 10 times as large survive. This may occur in the control series of mice receiving the culture alone, or in a series protected by any of the serums tested. In other words, there is a very large factor of error inherent in the test itself; with only one mouse inoculated for each dose this error may be so large as to nullify the value of the test. It was found that such variations of the test as simultaneous or separate injection of serum and culture, the addition of a preservative to the culture, and excessive virulence of the microorganism, did not make any material difference in the results.

Serums claiming to be potent against Groups I, II, and III pneumococci are tested at the Hygienic Laboratory for protection against type I only, since there is not at present acceptable evidence of the therapeutic value of serums directed against infections with the other types of pneumococcus. Manufacturers of serums directed against Groups II and III employ appropriate protection tests for these groups.

Under this method of control, among 142 serums examined, 16 (11 per cent) have been rejected as below the potency considered desirable for a product for therapeutic use. The 126 other specimens have shown a degree of protection equivalent to, or higher than, a preparation made by a noncommercial laboratory which was reported to have given good results in its clinical applications.

#### Antimeningococcic Serum.

Various students of the meningococcus have divided the cultures of the organism isolated from the spinal fluid in cases of epidemic cerebrospinal meningitis into two, three, or four groups. We have not sufficient data to accept any of these groupings as final—indeed this subject is under very active investigation at the present time—but tentatively it seemed wise to accept for testing purposes a classification which recognizes four groups. The commercial serums are tested against one or more representatives of the four groups and are not passed for use unless there is definite evidence of antibodies against the four groups of meningococci and in a reasonably high titre for at least three of these groups.

There is no agreement as to a method of testing antimeningococcic serum which will give a result that may be regarded as a trustworthy guide to the probable therapeutic efficiency of the serum. At least four methods have been proposed for estimating the usefulness of this preparation in the treatment of meningitis, but no one of these has been proved to be superior to the others. The methods that have been employed are: Determination of the bacteriotropin content, of the agglutinin titre, of the complement fixation titre, and of the protection of animals from the effects of a virulent culture or the

toxic products of such a culture. Two of these tests at present command the support of the majority of workers on the subject: That which determines the agglutinating titre of the serum, and that which determines the complement fixation titre. Unless these tests are most carefully performed and adequately controlled, misleading results are likely to be obtained. Materials (antigens) for use in these tests, and instructions as to the details of performing the titrations, are supplied by the Hygienic Laboratory.

It has been found that among 161 commercial samples submitted, 39 (24 per cent) have failed to show a sufficiently high agglutinating titre or complement-fixing titre to justify passing the preparations for human use. As the serums are tested after having passed the manufacturers' tests, such a control as is being exercised is considered to be amply justified.

#### Summary.

It is thus seen that these special methods of control over antipneumococcic serum are used because the test for potency, though apparently a measure of its therapeutic value, is inaccurate, involving a large factor of error. Special methods of control over antimeningococcic serum are also used because of the difficulty in duplicating a given test in different laboratories and because of a lack of agreement as to the test which is most satisfactory.

Work now in progress is expected to result in the adoption of test serums which manufacturers may use for comparative testing. It seems unlikely that the same exactness that obtains in testing diphtheria antitoxin or tetanus antitoxin will be accomplished with antipneumococcic or antimeningococcic serum; but the user may be assured that either of these preparations, on leaving the manufacturing establishment, is of as high a degree of potency as it is practicable to attain. The regulations of the Treasury Department prohibit the dating of these serums beyond six months after manufacture or after removal from the manufacturer's cold storage. Hence there should be no marked deterioration of the preparation while on the market.

# PREVALENCE OF DISEASE.

*No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.*

## UNITED STATES.

### EXTRA-CANTONMENT ZONES—CASES REPORTED WEEK ENDED AUG. 3.

CAMP BEAUREGARD ZONE, LA.		CAMP DODGE ZONE, IOWA.	
Malaria:	Cases.	Conjunctivitis:	Cases.
Alexandria.....	5	Des Moines.....	2
Pineville.....	1	Diphtheria:	
Tioga.....	2	Des Moines.....	3
Mumps:		Fort Des Moines.....	1
Alexandria.....	3	Scarlet fever:	
Typhoid fever:		Des Moines.....	2
Alexandria.....	1	Tuberculosis, pulmonary:	
Echo.....	2	Des Moines.....	3
Rural district.....	1	Typhoid fever:	
Willow Glen.....	1	Des Moines.....	6
Whooping cough:		Grant Township, Dallas County.....	1
Alexandria.....	12	Grimes.....	1
Pineville.....	3	Jefferson.....	1
CAMP BOWIE ZONE, TEX.		Whooping cough:	
Forth Worth:		Des Moines.....	2
Gonorrhea.....	56	CAMP DONIPHAN ZONE, OKLA.	
Smallpox.....	5	Gonorrhea:	
Syphilis.....	41	Lawton.....	1
Tuberculosis.....	1	Typhoid fever:	
Typhoid fever.....	12	Rural district.....	2
BREMERTON ZONE, WASH.		CAMP EBERTS ZONE, ARK.	
Gonorrhea.....	1	Gonorrhea:	
Measles.....	2	Scotts.....	1
Pneumonia.....	1	Influenza:	
Smallpox.....	1	Scotts, route 1.....	1
Tuberculosis.....	2	Toltec.....	1
Whooping cough.....	3	Malaria:	
CAMP DEVENS ZONE, MASS.		Austin, route 2.....	3
Measles:		Cabot.....	3
Lancaster.....	3	Cabot, route 3.....	1
Lunenburg.....	1	England.....	2
Whooping cough:		Keo.....	14
Ayer.....	1	Kerr, route 1.....	1
Lancaster.....	1	Lonoke, route 1.....	3
CAMP DIX ZONE, N. J.		Scotts, route 1.....	1
Measles:		Toltec.....	1
New Hanover Township.....	1	Measles:	
		Austin, route 2.....	1



## CAMP EBERTS ZONE, ARK.—continued.

	Cases.
Pellagra:	
England, route 1.....	1
Tuberculosis:	
Cabot.....	1
England.....	2
England, route 2.....	1
Scotts, route 1.....	1
Toltec.....	1
Typhoid fever:	
England.....	2

## CAMP FUNSTON ZONE, KANS.

Mumps:	
Manhattan.....	1

## CAMP GORDON ZONE, GA.

Atlanta:	
Diphtheria.....	2
Gonorrhea.....	25
Mumps.....	4
Scarlet fever.....	1
Syphilis.....	35
Trachoma.....	1
Tuberculosis.....	2
Typhoid fever.....	3
Whooping cough.....	1

## CAMP GREENE ZONE, N. C.

Berryhill Township:	
Cerebrospinal meningitis.....	1
Charlotte Township:	
Chancroid.....	4
Gonorrhea.....	18
Mumps.....	1
Scarlet fever.....	6
Syphilis.....	13
Typhoid fever.....	10
Whooping cough.....	8

## GULFPORT HEALTH DISTRICT, MISS.

Gonorrhea.....	8
Hookworm disease.....	7
Malaria.....	16
Measles.....	1
Mumps.....	3
Pellagra.....	1
Syphilis.....	2
Tuberculosis.....	1
Typhoid fever.....	4
Whooping cough.....	3

## CAMP HANCOCK ZONE, GA.

Augusta:	
Gonorrhea.....	3
Malaria.....	9
Mumps.....	1
Syphilis.....	8
Tuberculosis.....	17
Typhoid fever.....	1
Whooping cough.....	1

## CAMP JACKSON ZONE, S. C.

Columbia:	
Mumps.....	3
Whooping cough.....	13
Richland County:	
Malaria.....	1
Typhoid fever.....	1

## CAMP JOSEPH E. JOHNSTON ZONE, FLA.

	Cases.
Chancroid:	
Jacksonville.....	8
Chicken pox:	
Lackawanna.....	1
Dysentery:	
Jacksonville.....	5
Gonorrhea:	
Jacksonville.....	39
Hookworm disease:	
Fishers Corner.....	1
Malaria:	
Jacksonville.....	2
Murray Hill.....	3
Mumps:	
Jacksonville.....	3
Pneumonia:	
Jacksonville.....	1
Syphilis:	
Jacksonville.....	45
Tuberculosis:	
Jacksonville.....	2
Typhoid fever:	
Jacksonville.....	10
Whooping cough:	
Jacksonville.....	10
Lackawanna.....	5

## FORT LEAVENWORTH ZONE, KANS.

Leavenworth:	
Diphtheria.....	1
Gonorrhea.....	10
Malaria.....	2
Scarlet fever.....	1
Leavenworth County:	
Diphtheria.....	1
Measles.....	1

## CAMP LEE ZONE, VA.

Hopewell:	
Measles.....	1
Mumps.....	1
Petersburg:	
Gonorrhea.....	5
Malaria.....	1
Syphilis.....	3
Tuberculosis.....	1

## CAMP LEWIS ZONE, WASH.

Mumps:	
Stellacoom.....	3
Pneumonia, lobar:	
Spanaway.....	1

## CAMP LOGAN ZONE, TEX.

Chancroid:	
Houston.....	3
Diphtheria:	
Houston.....	2
Gonorrhea:	
Harrisburg.....	1
Houston.....	53
Humble.....	4
San Leon.....	1
Mumps:	
Houston.....	1
Syphilis:	
Ellington Field.....	3
Goose Creek.....	1
Houston.....	32

## CAMP LOGAN ZONE, TEX.—continued.

Syphilis—Continued.	Cases.
Lexington.....	1
Livingston.....	1
Magnolia Park.....	1
Tuberculosis:	
Houston.....	3
Typhoid fever:	
Houston.....	1

## CAMP M'ARTHUR, ZONE, TEX.

Waco:	
Gonorrhea.....	11
Syphilis.....	1
Tuberculosis.....	2

## CAMP M'CLELLAN ZONE, ALA.

Gonorrhea:	
Anniston.....	10
Smallpox:	
Jacksonville.....	1
Precinct 3.....	1
Precinct 11.....	3
Syphilis:	
Anniston.....	6
Typhoid fever:	
Anniston.....	3
Jacksonville.....	1
Precinct 4.....	4

## NORFOLK COUNTY NAVAL DISTRICT, VA.

Cerebrospinal meningitis:	
Norfolk.....	1
Portsmouth.....	2
Chancroid:	
Norfolk.....	1
Portsmouth.....	3
Dysentery:	
Oakwood.....	1
Gonorrhea:	
Norfolk.....	18
Portsmouth.....	6
South Norfolk.....	1
Quartermaster Terminal.....	4
Measles:	
Portsmouth.....	2
Poliomyelitis:	
Norfolk.....	1
Syphilis:	
Brighton.....	1
Norfolk.....	7
Portsmouth.....	3
Quartermaster Terminal.....	1
Tuberculosis:	
Campostella.....	1
Norfolk.....	1
Norfolk County.....	1
Portsmouth.....	1
South Norfolk.....	1
Typhoid fever:	
Norfolk.....	2
Norfolk County.....	4
Portsmouth.....	2
South Norfolk.....	2
Whooping cough:	
Norfolk.....	2
Ocean View.....	2
South Norfolk.....	1

## FORT OGLETHORPE ZONE, GA. AND TENN.

Cerebrospinal meningitis:	Cases.
St. Elmo.....	1
Gonorrhea:	
Chattanooga.....	47
East Chattanooga.....	1
Eastlake.....	1
Rossville.....	2
St. Elmo.....	3
Malaria:	
Chattanooga.....	1
Mumps:	
Eastlake.....	1
Paratyphoid fever:	
Chattanooga.....	2
Scarlet fever:	
Chattanooga.....	2
La Fayette.....	1
Syphilis:	
Chattanooga.....	11
Missionary Ridge.....	1
Typhoid fever:	
Chattanooga.....	4
La Fayette.....	1

## CAMP PIKE ZONE, ARK.

Chancroid:	
Little Rock.....	6
Dysentery:	
England.....	1
Gonorrhea:	
Little Rock.....	23
North Little Rock.....	2
Malaria:	
Cabot.....	1
Little Rock.....	12
Nonresident.....	1
North Little Rock.....	5
Scotts.....	2
Measles:	
Little Rock.....	1
Mumps:	
Little Rock.....	4
Pneumonia:	
Little Rock.....	2
North Little Rock.....	1
Scarlet fever:	
Little Rock.....	1
North Little Rock.....	1
Syphilis:	
Little Rock.....	2
North Little Rock.....	1
Tuberculosis:	
England.....	1
Kerr.....	1
Scotts.....	1
Typhoid fever:	
Little Rock.....	5
Whooping cough:	
Little Rock.....	1
PORTSMOUTH-KITTERY SANITARY DISTRICT, N. H.	
Diphtheria:	
New Market.....	1
Measles:	
Chester.....	1
Greenland.....	1

PORTSMOUTH-KITTERY SANITARY DISTRICT, N. H.—  
continued.

Measles—Continued.	Cases.
Kittery, Me. ....	1
Portsmouth. ....	1
Salem. ....	1
Mumps:	
Rye. ....	1
Smallpox:	
Portsmouth. ....	1
Syphilis:	
Portsmouth. ....	1
Tuberculosis:	
Portsmouth. ....	2
Typhoid fever:	
Chester. ....	1
Whooping cough:	
Newington. ....	1

## CAMP SEVIER ZONE, S. C.

Mumps:	
Chick Springs Township. ....	5
Typhoid fever:	
Butler Township. ....	1

## CAMP SHERIDAN ZONE, MISS.

Diphtheria:	
Hattiesburg. ....	1
Gonorrhea:	
Hattiesburg. ....	7
Near Hattiesburg. ....	1
Hookworm disease:	
Petal. ....	1
Malaria:	
Hattiesburg. ....	3
Near Hattiesburg. ....	1
Whooping cough:	
Hattiesburg. ....	3

## CAMP SHERIDAN ZONE, ALA.

Montgomery:	
Chancroid. ....	1
Gonorrhea. ....	1
Malaria. ....	1
Syphilis. ....	3
Tuberculosis, pulmonary. ....	1
Typhoid fever. ....	7
Montgomery County:	
Diphtheria. ....	1
German measles. ....	1
Gonorrhea. ....	3
Typhoid fever. ....	4
United States Government Clinic:	
Chancroid. ....	2
Gonorrhea. ....	2
Syphilis. ....	11

## CAMP SHERMAN ZONE, OHIO.

Gonorrhea:	
United States Government Clinic. ....	8
Tuberculosis, pulmonary:	
Chillicothe. ....	1
Typhoid fever:	
Chillicothe. ....	2

## CAMP ZACHARY TAYLOR ZONE, KY.

Diphtheria:	Cases.
Louisville. ....	4
Gonorrhea:	
Louisville. ....	3
United States Government clinic. ....	15
Malaria:	
Louisville. ....	1
Measles:	
Louisville. ....	1
Pneumonia:	
Louisville. ....	1
Scarlet fever:	
Jefferson County. ....	1
Smallpox:	
Jefferson County. ....	1
Louisville. ....	1
Syphilis:	
Louisville. ....	3
United States Government clinic. ....	26
Trachoma:	
Louisville. ....	2
Tuberculosis, pulmonary:	
Louisville. ....	6
New Albany, Ind. ....	1
Typhoid fever:	
Jefferson County. ....	1
Louisville. ....	2
Whooping cough:	
Jefferson County. ....	2
Louisville. ....	7
New Albany, Ind. ....	1

## TIDEWATER HEALTH DISTRICT, VA.

Hampton:	
Typhoid fever. ....	4
Newport News:	
Chancroid. ....	2
Dysentery. ....	1
Gonorrhea. ....	27
Malaria. ....	1
Measles. ....	1
Scarlatina. ....	1
Syphilis. ....	9
Tuberculosis. ....	1
Typhoid fever. ....	5

## CAMP TRAVIS ZONE, TEX.

San Antonio:	
Cerebrospinal meningitis. ....	1
Chancroid. ....	7
Gonorrhea. ....	47
Malaria. ....	1
Scarlet fever. ....	2
Syphilis. ....	31
Tuberculosis. ....	4
Typhoid fever. ....	23

## CAMP UPTON ZONE, N. Y.

Brook Haven:	
Tuberculosis. ....	5
Whooping cough. ....	1



## VANCOUVER ZONE, WASH.

	Cases.
Chicken pox.....	1
Measles.....	1
Tuberculosis, pulmonary.....	1

## CAMP WADSWORTH ZONE, S. C.

Gonorrhea:	
Alexander.....	1
Arkwright.....	1
Freemont.....	1
Spartanburg.....	13
Spartanburg County.....	1
Mumps:	
Spartanburg.....	4
Scarlet fever:	
Spartanburg.....	1
Syphilis:	
Spartanburg.....	1
Tuberculosis:	
Spartanburg.....	2
Typhoid fever:	
Spartanburg.....	2

## CAMP WADSWORTH ZONE, S. C.—continued.

Whooping cough:	Cases.
Spartanburg.....	1

## CAMP WHEELER ZONE, GA.

Bibb County:	
Cerebrospinal meningitis.....	1
Scarlet fever.....	1
Syphilis.....	2
Macon:	
Chancroid.....	2
Diphtheria.....	1
Gonorrhea.....	2
Mumps.....	1
Pellagra.....	1
Syphilis.....	7
Tuberculosis.....	3
Typhoid fever.....	6
Whooping cough.....	1
United States Government Clinic:	
Gonorrhea.....	6
Syphilis.....	11

## DISEASE CONDITIONS AMONG TROOPS IN THE UNITED STATES.

## Six Months' Period Ended June 28, 1918.

The following data were compiled by the Office of the Surgeon General, United States Army, from weekly telegraphic reports:

## Annual admission rate per 1,000 (disease only):

All troops.....	1,380.3
Divisional camps.....	1,216.1
Cantonments.....	1,558.6
Departmental and other troops.....	1,248.0

## Average noneffective rate per 1,000 on days of reports:

All troops.....	41.83
Divisional camps.....	41.62

## Average noneffective rate per 1,000 on days of reports—Continued.

Cantonments.....	53.91
Departmental and other troops.....	39.37
Annual death rate per 1,000 (disease only):	
All troops.....	8.03
Divisional camps.....	6.27
Cantonments.....	9.94
Departmental and other troops.....	7.36

*Annual admission rate for special diseases reported during the six months ended June 28, 1918.*

Camp.	Pneu- monia.	Dys- entery.	Mala- ria.	Vene- real.	Meas- les.	Men- in- gitis.	Scar- let fever.	Annual death rate (dis- ease only).	Annual admission rate per 1,000 (disease only).	Aver- age non- effec- tive per 1,000 on days of re- ports.
Beauregard.....	33.3	2.72	31.6	93.2	3.6	9.2	0.0	12.30	1,692.0	59.88
Bowie.....	44.6	.3	2.7	100.9	2.2	1.5	.4	6.59	1,723.9	26.46
Cody.....	50.0	.0	.1	23.4	11.5	1.3	.9	12.11	771.8	32.76
Doniphan.....	34.0	.11	1.0	52.0	28.4	2.6	2.2	14.91	1,831.3	50.00
Fremont.....	14.8	.3	2.5	68.2	32.6	.8	2.0	2.83	1,126.5	43.60
Hancock.....	8.1	.07	.6	53.0	10.2	2.0	1.8	2.26	610.6	30.10
Kearny.....	15.0	.0	1.0	18.0	20.9	.9	18.9	4.37	1,320.2	44.42
Logan.....	18.3	.6	1.4	139.5	47.4	.8	4.2	2.68	1,468.8	39.35
McClellan.....	10.9	.09	2.1	68.6	26.6	2.0	3.0	2.62	967.9	33.02
Sevier.....	21.8	.15	5.2	92.2	21.9	2.0	2.9	6.50	1,169.0	45.18
Shelby.....	9.8	1.89	4.9	42.3	4.3	1.0	.6	4.34	1,381.3	50.61
Sheridan.....	10.8	.0	1.9	63.6	20.7	.5	2.7	3.41	854.8	29.51
Wadsworth.....	11.4	.0	1.0	138.3	15.1	1.1	1.6	3.50	838.4	28.40
Wheeler.....	41.0	1.4	5.2	80.6	.7	1.3	.0	13.90	1,740.0	51.50
Custer.....	22.9	.0	.5	118.8	33.0	1.1	10.0	8.85	994.0	32.70
Devens.....	25.5	.0	.1	91.1	39.6	1.0	2.84	5.61	970.7	39.28
Dix.....	8.7	.7	.9	116.4	32.1	1.1	9.9	2.70	1,294.1	38.59
Dodge.....	51.0	.0	1.1	136.7	86.0	1.7	22.7	20.36	2,010.3	72.33
Funston.....	32.2	.2	.5	84.9	40.5	4.3	6.1	13.81	1,769.8	79.69
Gordon.....	26.7	.0	1.5	166.5	79.9	3.9	1.0	12.73	1,734.8	49.89
Grant.....	13.0	.1	.0	38.1	56.8	1.5	14.2	6.38	796.5	27.62
Jackson.....	28.9	.6	2.7	259.1	53.2	11.5	.8	12.35	1,808.1	58.74
J. E. Johnston.....	13.8	.1	2.5	111.0	72.7	3.5	4.3	4.26	1,089.0	32.90
Lee.....	21.1	.2	1.1	245.6	46.1	2.2	.6	10.02	1,453.7	60.31
Meade.....	19.8	.0	.1	41.6	21.5	2.1	7.6	5.21	740.7	30.82
Pike.....	45.6	.9	11.6	195.2	66.5	2.7	18.0	23.20	2,659.0	73.53
Sherman.....	14.9	.1	.5	116.3	63.0	1.0	24.4	7.73	1,554.6	59.48
Taylor.....	37.4	.0	.0	101.6	80.3	1.9	3.2	11.05	1,758.8	65.04
Upton.....	20.2	.1	.1	153.6	8.6	.9	4.1	7.04	886.0	32.53
Travis.....	21.6	1.9	5.1	78.8	34.3	2.0	.7	13.24	3,613.3	67.64
Northeastern Department.....	5.3	.2	.8	101.7	19.1	.4	2.7	5.3	969.2	31.20
Eastern Department.....	10.8	.6	2.3	88.8	30.7	1.2	1.3	5.42	931.8	25.95
Southeastern Department.....	20.6	.2	3.5	99.1	43.3	2.5	5.3	6.94	1,310.1	47.89
Central Department.....	25.8	.2	.9	93.7	53.1	1.9	29.8	9.49	1,428.5	43.66
Southern Department.....	15.4	.8	2.0	114.6	33.4	1.6	6.7	6.25	1,222.1	39.85
Western Department.....	9.9	.9	.8	71.2	66.9	.7	10.6	4.78	980.9	26.86
Aviation camps.....	15.5	1.5	1.0	62.9	51.0	1.5	11.2	6.17	1,278.8	33.76

*Annual rate per 1,000 for special diseases.*

Disease.	Year 1916.	6 months ended June 28, 1918.			
	Regulars, United States Army in United States only. <sup>1</sup>	All troops in United States.	Depart- mental and other troops.	Divisional camps.	Canton- ments.
Pneumonia.....	2.59	23.0	18.8	23.0	27.1
Dysentery.....	3.97	.6	.84	.55	.3
Malaria.....	12.52	2.4	1.7	4.2	1.6
Venereal.....	91.2	110.4	108.4	75.1	131.5
Paratyphoid.....	.31	.03	.04	.04	.004
Typhoid.....	.21	.08	.15	.07	.07
Measles.....	20.28	41.7	45.7	17.0	46.1
Meningitis.....	.29	2.1	2.0	1.9	2.4
Scarlet fever.....	.59	8.4	9.8	3.0	9.7

<sup>1</sup> Enlisted men only, both white and colored.

## Week Ended July 26, 1918.

The following data are taken from telegraphic reports received in the Office of the Surgeon General, United States Army, for the week ended July 26, 1918:

Annual admission rate per 1,000 (disease only):		Noneffective rate per 1,000 on day of report—Continued.	
All troops.....	993.8	Cantonments.....	41.68
Divisional camps.....	948.8	Departmental and other troops.....	33.27
Cantonments.....	1,006.4	Annual death rate per 1,000 (disease only):	
Departmental and other troops.....	889.5	All troops.....	2.12
Noneffective rate per 1,000 on day of report:		Divisional camps.....	1.25
All troops.....	37.45	Cantonments.....	2.90
Divisional camps.....	36.27	Departmental and other troops.....	1.68

## New cases of special diseases reported during the week ended July 26, 1918.

Camp.	Pneumonia.	Dysentery.	Malaria.	Venereal.		Measles.	Meningitis.	Scarlet fever.	Deaths.	Annual admission rate per 1,000 (disease only).	Noneffective per 1,000 on day of report.
				Total.	New infections.						
Beauregard.....	7	1	17	58	14	28			1	1,232.8	41.00
Bowie.....		2		13	13				1	1,617.3	83.79
Cody.....	13			21	0	17				531.8	18.14
Fremont.....		1	1	12	4	4				564.1	33.31
Greenleaf.....			1	52	0	15				621.7	36.00
Hancock.....			2	45	0	2				857.7	33.67
Kearny.....	6			89	0	23	1		3	801.7	26.59
Logan.....	3		3	13	0	2				2,594.4	70.81
MacArthur.....	1			117	63	4				1,017.2	11.43
McClellan.....			1	29	27					1,156.4	53.74
Sevier.....	11		2	3		20			4	1,086.9	146.17
Shelby.....	2	2	15	32	0	6			1	1,952.1	45.84
Sheridan.....	1		11	86	5	4			2	1,272.7	50.35
Wadsworth.....	4		1	48	0	4	1		1	534.7	34.49
Wheeler.....	1			21	0				2	662.8	28.47
Custer.....	4	1		75	2	3			9	1,168.0	47.31
Devens.....	1		1	24	7	6	1		1	661.8	40.54
Dix.....	4		5	64	8	16	1	1	1	851.5	36.04
Dodge.....	6			91	0	74	2		1	1,109.8	43.26
Funston.....	8			441	0	2			3	1,008.2	23.50
Gordon.....	23		7	79	3	57			3	1,422.7	52.17
Grant.....	7		3	38	0	26	1	1	3	440.8	13.79
Jackson.....	2		2	1,186	2	36			4	2,312.3	52.19
J. E. Johnston.....	1		6	57	49	13				775.3	24.70
Las Casas.....	17			43					6	2,761.1	40.53
Lee.....	19		2	125	3	74			1	720.6	54.20
Lewis.....	12			104	2	6		2	1	975.6	40.29
Meade.....	4		7	32	5	3	1		7	691.0	27.57
Pike.....	16		32	120	0	112	1		2	1,636.1	68.40
Sherman.....	12		1	75	1	4			2	1,189.6	49.51
Taylor.....	10			107	8	40				889.8	45.02
Travis.....	9	5	15	102	3	1			3	2,030.3	53.93
Upton.....	3		1	108	18	35			2	745.0	35.06
Northeastern Department.....	1			32	16	2			1	630.8	26.8
Eastern Department.....	9	3	2	160	35	8	1		1	762.6	22.65
Southeastern Department.....			5	84	52	14				1,268.2	60.14
Central Department.....	2	1	1	60	31	8	1	1	1	867.2	30.28
Southern Department.....		6	1	113	48	4			3	1,208.5	37.69
Western Department.....	2		1	51	3	16			4	814.4	23.30
Aviation camps.....	16		3	159	0	19		5	11	823.2	29.56
Ports of embarkation:											
Hoboken.....	3	2	1	542	37	33	3	3	3	1,040.8	48.75
Newport News.....	21	2	2	100	8	6			5	1,350.0	81.47
Alcatraz Disciplinary Barracks.....									0	920.3	14.74
Leavenworth Disciplinary Barracks.....										919.4	30.60
Columbus Barracks.....				5						483.8	25.65
Jefferson Barracks.....	1		4	205	0	7				2,475.5	119.88
Logan, Fort.....	1			15	0	2			1	1,406.1	29.18
McDowell, Fort.....			2	22	0					2,039.7	87.75
Shoenm, Fort.....				25	1					818.5	34.46
Thomas, Fort.....			2						1	960.2	29.04
Arsenals.....		1	1	9	3				2	784.3	20.48
West Point.....				1						885.7	14.28
Miscellaneous small stations.....				1						621.9	14.72
General hospitals.....								4			
Total.....	263	27	161	5,152	535	748	13	13	104	993.8	37.45

## Annual rate per 1,000 for special diseases.

Disease.	All troops in United States. <sup>1</sup>	Departmental and other troops. <sup>1</sup>	Divisional camps. <sup>1</sup>	Cantonments. <sup>1</sup>	Expeditionary forces. <sup>2</sup>
Pneumonia.....	9.29	5.23	8.8	12.12	9.28
Dysentery.....	.95	1.4	1.07	.5	.61
Malaria.....	5.69	2.33	9.7	6.81	.66
Venereal.....	182.1	148.0	114.7	243.5	27.2
Paratyphoid.....	.03	.0	.0	.08	.0
Typhoid.....	.70	.37	.71	1.0	.15
Measles.....	26.4	10.3	23.1	42.3	2.08
Meningitis.....	.45	.46	.36	.5	.86
Scarlet fever.....	.45	.84	.0	.3	.86

<sup>1</sup> Week ended July 26, 1918.<sup>2</sup> Week ended July 18, 1918.

## CURRENT STATE SUMMARIES.

## Telegraphic Reports for Week Ended Aug. 3, 1918.

*Alabama.*—Typhoid fever: By counties—Bullock 2, Clay 1, Colbert 4, Greene 1, Henry 2, Jefferson 26, Limestone 1, Walker 3; total 40. Malaria: By counties—Colbert 6, Greene 20, Henry 2, Jefferson 5, Lauderdale 1, Limestone 1; total 35. Smallpox: By counties—Butler 1, Cleburne 1, Jefferson 4, Lauderdale 2, Walker 1; total 9. Diphtheria: By counties—Bullock 2, Covington 5, Jefferson 4; total 11.

*California.*—Sharp decline in number of cases of chicken pox, diphtheria, measles, and mumps. One case poliomyelitis Los Angeles. Two cases cerebrospinal meningitis; one each Los Angeles and San Francisco. Seventeen cases smallpox, distributed as follows: 10 cases Santa Clara County, 2 Tulare County, 3 San Joaquin County, 2 Stanislaus County. Nineteen cases typhoid fever scattered throughout the State.

Reported by mail for preceding week (ended July 27):

	Cases.		Cases.
Cerebrospinal meningitis.....	3	Leprosy.....	2
Chicken pox.....	15	Pellagra.....	1
Diphtheria.....	43	Pneumonia.....	28
Dysentery.....	7	Scarlet fever.....	11
Erysipelas.....	2	Smallpox.....	7
German measles.....	8	Syphilis.....	83
Gonococcus infection.....	138	Trachoma.....	4
Malaria.....	30	Tuberculosis.....	112
Measles.....	95	Typhoid fever.....	27
Mumps.....	52	Whooping cough.....	48

*Connecticut.*—Smallpox: Hartford 1, South Windsor 1, East Hartford 1. Cerebrospinal meningitis: New Haven 1, Bridgeport 1.

*Illinois.*—Diphtheria: Eighty, of which in Chicago 57. Scarlet fever: Twenty-two, of which in Chicago 15. Smallpox: Eleven. Typhoid fever: Seventy-one, of which in Moline 23. Meningitis: Chicago 3, Belleville 1. Poliomyelitis: Chicago 5, 1 each Warsaw, Manteno, Gillespie, Edwardsville, Peotone Township (Will County), Fairmount, 2 each Kankakee, Kankakee Township (Kankakee County).

**Indiana.**—Smallpox: Present Rushville, Lebanon, Princeton. Measles: Epidemic Reeve Township (Daviss County).

**Iowa.**—Chaneroid: Tripoli 1. Diphtheria: Burlington 6, Cedar Rapids 1, Davenport 1, Des Moines 5, Fort Des Moines 1, Oelwein 1. Gonorrhea: Albert City 1, Alton 1, Council Bluffs 2, Lyons 1, Pilot Mound 1. Poliomyelitis: Dubuque 4, Oelwein 1. Scarlet fever: Des Moines 3. Smallpox: Cedar Rapids 2, Council Bluffs 2, Des Moines 2, Dubuque 5, Hampton 1, Ottumwa 3. Syphilis: Council Bluffs 1. Tuberculosis: Des Moines 3. Typhoid fever: Des Moines 6, Grimes 1. Whooping cough: Des Moines 2, Sheldahl 1. In rural districts of following counties—Cerebrospinal meningitis: Scott 1. Diphtheria: Boone 2, Marshall 1. Gonorrhea: Dallas 1, Greene 1. Measles: Hamilton 3. Poliomyelitis: Guthrie 1. Scarlet fever: Story 1. Syphilis: Montgomery 1. Typhoid fever: Dallas 1, Polk 1. Whooping cough: Hamilton 4.

**Kansas.**—Meningitis: Walnut 1. Outbreak typhoid fever Crawford County mining district, 42 cases, apparently from milk infection.

Reported by mail for preceding week (ended July 27):

	Cases.		Cases.
Cancer.....	11	Mumps.....	12
Chaneroid.....	2	Pneumonia, lobar.....	2
Chicken pox.....	4	Poliomyelitis.....	1
Diphtheria.....	8	Scarlet fever.....	13
Dysentery.....	1	Smallpox.....	47
Enterocolitis.....	1	Syphilis.....	20
Erysipelas.....	1	Trachoma.....	5
Food poisoning.....	6	Tuberculosis.....	50
Gorman measles.....	3	Typhoid fever.....	104
Gonorrhea.....	101	Whooping cough.....	77
Measles.....	18		

**Louisiana.**—Poliomyelitis 1, typhoid fever 9, diphtheria, 8.

**Massachusetts.**—Unusual prevalence. Measles: Easthampton 11, Montague 7. Whooping cough: Greenfield 9.

**Minnesota.**—Smallpox: New focus—Wright County, Buffalo Township, 1. Three cases poliomyelitis and 4 cases cerebrospinal meningitis reported since July 29.

**Nebraska.**—Smallpox: Oakdale, Tilden. Scarlet fever: Still in epidemic form at Fairbury, condition somewhat better.

**New York.**—New York State outside of New York City—Poliomyelitis: Seven, of which 4 in St. Lawrence County, one family. Smallpox: Eleven, of which in Jamestown 3, in Cheektowaga 8.

**Ohio.**—Poliomyelitis: Three cases Trumbull County, 2 cases Cincinnati. Whooping cough: Epidemic at Cincinnati, Norwood, Fremont, Akron, Troy, Napoleon, Bellefontaine, Seneca County, Muskingum County, Guernsey County.

**Virginia.**—One case poliomyelitis Clifton Forge, 1 case Roanoke, 1 Graham, 1 Alleghany, 1 Norfolk County. Two cases smallpox Smithfield, 2 Newburne. One case cerebrospinal meningitis Norfolk, 1 Portsmouth, 1 Gloucester.



Washington.—Measles: Goldendale 15, Seattle 5, Tacoma 10, Bremerton 1, Raymond 2, Everett 1. Typhoid fever: Walla Walla County 19. Scarlet fever: Situation Tacoma improved, 5 cases reported.

### CEREBROSPINAL MENINGITIS.

#### Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 3, 1918.

	Cases.		Cases.
Camp Greene zone, N. C.....	1	Camp Travis zone, Tex.....	1
Norfolk County naval district, Va.....	3	Camp Wheeler zone, Ga.....	1
Fort Oglethorpe zone, Ga. and Tenn.....	1		

#### State Reports for June, 1918.

Place.	New cases reported.	Place.	New cases reported.
<b>Maine:</b>		<b>Washington:</b>	
Sagadahoc County—		King County—	
Bath.....	1	Seattle.....	1
<b>Texas:</b>		Pacific County.....	1
Bexar County.....	4	South Bend.....	1
Dallas County—		Pierce County.....	4
Dallas.....	2	<b>Total.....</b>	<b>7</b>
<b>Total.....</b>	<b>6</b>		

#### City Reports for Week Ended July 20, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baltimore, Md.....	4	2	Louisville, Ky.....		1
Boston, Mass.....		2	McKeesport, Pa.....	1	
Bridgeport, Conn.....	1		Newark, N. J.....	1	
Buffalo, N. Y.....	2		New Haven, Conn.....	1	
Charleston, S. C.....	1	1	New York, N. Y.....	7	2
Chattanooga, Tenn.....	1		Omaha, Nebr.....	1	1
Chicago, Ill.....	7	2	Philadelphia, Pa.....	3	
Cleveland, Ohio.....	3	2	Providence, R. I.....	3	2
Haverhill, Mass.....	1		Raleigh, N. C.....		1
Indianapolis, Ind.....		1	St. Louis, Mo.....	1	2
Kalamazoo, Mich.....	1	1	San Francisco, Cal.....		1
La Crosse, Wis.....		1	Tacoma, Wash.....	1	
Los Angeles, Cal.....	1		Washington, D. C.....		1

### CHANCROID.

#### Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 3, 1918.

	Cases.		Cases.
Camp Greene zone, N. C.....	4	Camp Sheridan zone, Ala.....	3
Camp Joseph E. Johnston zone, Fla.....	8	Tidewater health district, Va.....	2
Camp Logan zone, Tex.....	3	Camp Travis zone, Tex.....	7
Norfolk County naval district, Va.....	4	Camp Wheeler zone, Ga.....	2
Camp Pike zone, Ark.....	6		

### DIPHThERIA.

#### Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 3, 1918.

	Cases.		Cases.
Camp Dodge zone, Iowa.....	4	Camp Shelby zone, Miss.....	1
Camp Gordon zone, Ga.....	2	Camp Sheridan zone, Ala.....	1
Fort Leavenworth zone, Kans.....	2	Camp Zachary Taylor zone, Ky.....	4
Camp Logan zone, Tex.....	2	Camp Wheeler zone, Ga.....	1
Portsmouth-Kittery sanitary district, N. H..	1		

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1334.

## ERYSIPELAS.

## City Reports for Week Ended July 20, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Billings, Mont.	1	.....	New York, N. Y.	.....	1
Birmingham, Ala.	.....	1	Norfolk, Va.	1	.....
Boston, Mass.	1	1	Omaha, Nebr.	1	.....
Buffalo, N. Y.	2	.....	Passaic, N. J.	.....	1
Chicago, Ill.	6	1	Philadelphia, Pa.	1	.....
Cincinnati, Ohio.	1	.....	Portland, Me.	.....	1
Cleveland, Ohio.	1	.....	Providence, R. I.	.....	1
Dayton, Ohio.	1	.....	Riverside, Cal.	1	.....
Denver, Colo.	2	.....	St. Louis, Mo.	2	.....
Kansas City, Mo.	.....	1	San Diego, Cal.	1	.....
Lawrence, Mass.	2	1	San Francisco, Cal.	2	.....
Los Angeles, Cal.	3	.....	Schenectady, N. Y.	1	.....
Louisville, Ky.	1	.....	Stockton, Cal.	1	1
Middletown, N. Y.	1	.....	Superior, Wis.	.....	1
Milwaukee, Wis.	1	.....	Warren, Ohio.	1	.....

## GONORRHEA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 3, 1918.

Cases.	Cases.
Camp Bowie zone, Tex.	56
Bremerton zone, Wash.	1
Camp Doniphan zone, Okla.	1
Camp Eberts zone, Ark.	1
Camp Gordon zone, Ga.	25
Camp Greene zone, N. C.	18
Gulfport health district, Miss.	8
Camp Hancock zone, Ga.	3
Camp Joseph E. Johnston zone, Fla.	59
Fort Leavenworth zone, Kans.	10
Camp Lee zone, Va.	5
Camp Logan zone, Tex.	59
Camp MacArthur zone, Tex.	11
Camp McClellan zone, Ala.	10
Norfolk County naval district, Va.	29
Fort Oglethorpe zone, Ga. and Tenn.	54
Camp Pike zone, Ark.	25
Camp Shelby zone, Miss.	8
Camp Sheridan zone, Ala.	30
Camp Sherman zone, Ohio.	8
Camp Zachary Taylor zone, Ky.	18
Tidewater health district, Va.	27
Camp Travis zone, Tex.	47
Camp Wadsworth zone, S. C.	17
Camp Wheeler zone, Ga.	8

## MALARIA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 3, 1918.

Cases.	Cases.
Camp Beauregard zone, La.	8
Camp Eberts zone, Ark.	29
Gulfport health district, Miss.	16
Camp Hancock zone, Ga.	9
Camp Jackson zone, S. C.	1
Camp Joseph E. Johnston zone, Fla.	5
Fort Leavenworth zone, Kans.	2
Camp Lee zone, Va.	1
Fort Oglethorpe zone, Ga. and Tenn.	1
Camp Pike zone, Ark.	21
Camp Shelby zone, Miss.	4
Camp Sheridan zone, Ala.	1
Camp Zachary Taylor zone, Ky.	1
Tidewater health district, Va.	1
Camp Travis zone, Tex.	1

## City Reports for Week Ended July 20, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Alexandria, La.	2	.....	Louisville, Ky.	1	.....
Bayonne, N. J.	3	.....	Memphis, Tenn.	2	1
Birmingham, Ala.	3	.....	Montgomery, Ala.	3	.....
Cape Girardeau, Mo.	13	.....	North Little Rock, Ark.	9	.....
Centralia, Ill.	3	.....	Oklahoma City, Okla.	.....	1
Fall River, Mass.	2	.....	Palestine, Tex.	37	.....
Greenville, Tex.	2	.....	Philadelphia, Pa.	1	.....
Hattiesburg, Miss.	4	.....	San Francisco, Cal.	1	.....
Kearny, N. J.	1	.....	Stockton, Cal.	1	.....
Little Rock, Ark.	8	.....	Tuscaloosa, Ala.	2	.....

## MEASLES.

## Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 3, 1918.

	Cases.		Cases.
Bremerton zone, Wash.....	2	Norfolk County naval district, Va.....	2
Camp Devens zone, Mass.....	4	Camp Pike zone, Ark.....	1
Camp Dix zone, N. J.....	1	Portsmouth-Kittery sanitary district, N. H.....	5
Camp Eberts zone, Ark.....	1	Camp Zachary Taylor zone, Ky.....	1
Gulfport health district, Miss.....	1	Tidewater health district, Va.....	1
Fort Leavenworth zone, Kans.....	1	Vancouver zone, Wash.....	1
Camp Lee zone, Va.....	1		

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1334.

## PELLAGRA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 3, 1918.

	Cases.		Cases.
Camp Eberts zone, Ark.....	1	Camp Wheeler zone, Ga.....	1
Gulfport health district, Miss.....	1		

## City Reports for Week Ended July 20, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Anniston, Ala.....	1	.....	Little Rock, Ark.....	.....	2
Atlanta, Ga.....	.....	3	Lynchburg, Va.....	.....	1
Birmingham, Ala.....	.....	3	Memphis, Tenn.....	5	1
Buffalo, N. Y.....	1	.....	Mobile, Ala.....	.....	2
Charleston, S. C.....	.....	1	North Little Rock, Ark.....	1	.....
Charlotte, N. C.....	.....	1	Palestine, Tex.....	2	.....
Dallas, Tex.....	.....	1	Richmond, Va.....	3	.....
Fort Worth, Tex.....	.....	1	San Angelo, Tex.....	.....	1
Independence, Kans.....	.....	1	Winston-Salem, N. C.....	3	1

## PNEUMONIA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 3, 1918.

	Cases.		Cases.
Bremerton zone, Wash.....	1	Camp Pike zone, Ark.....	3
Camp Jos. E. Johnston zone, Fla.....	1	Camp Zachary Taylor zone, Ky.....	1
Camp Lewis zone, Wash.....	1		

## City Reports for Week Ended July 20, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	2	.....	Los Angeles, Cal.....	3	1
Atlanta, Ga.....	1	1	Louisville, Ky.....	1	3
Baltimore, Md.....	5	4	Moundsville, W. Va.....	1	1
Boston, Mass.....	3	8	Natick, Mass.....	1	1
Centralia, Ill.....	1	.....	Newark, N. J.....	20	6
Chicago, Ill.....	40	22	Newton, Mass.....	1	1
Cleveland, Ohio.....	5	13	Pawtucket, R. I.....	2	2
Clinton, Mass.....	1	.....	Philadelphia, Pa.....	27	25
Covington, Ky.....	1	.....	Pontiac, Mich.....	1	.....
Cranston, R. I.....	1	1	Richmond, Va.....	4	.....
Detroit, Mich.....	3	10	Rochester, N. Y.....	4	5
Fall River, Mass.....	1	.....	Salem, Mass.....	1	.....
Findlay, Ohio.....	1	1	San Diego, Cal.....	1	1
Grand Rapids, Mich.....	3	.....	San Francisco, Cal.....	11	7
Greenwich, Conn.....	1	1	Springfield, Mass.....	2	3
Hartford, Conn.....	1	.....	Springfield, Mo.....	1	.....
Kansas City, Kans.....	1	.....	Stockton, Cal.....	1	.....
Kansas City, Mo.....	1	.....	Wichita, Kans.....	1	1
Leavenworth, Kans.....	1	.....	Worcester, Mass.....	6	1

**POLIOMYELITIS (INFANTILE PARALYSIS).****State Reports for June, 1918.**

Place.	New cases reported.	Place.	New cases reported.
Texas:		Washington:	
Guadalupe County.....	1	Ferry County.....	1
McLennan County.....	1		
Waco.....	6		
Nueces County—			
Corpus Christi.....	1		
Total.....	9		

**City Reports for Week Ended July 20, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baltimore, Md.....	3		Kankakee, Ill.....	1	
Buffalo, N. Y.....		1	New York, N. Y.....	7	
Chicago, Ill.....	3	1	Oil City, Pa.....	1	
Cincinnati, Ohio.....	3		Pittsburgh, Pa.....	4	
Cleveland, Ohio.....	1		St. Louis, Mo.....	1	
Covington, Ky.....	1		Toledo, Ohio.....	1	
Dubuque, Iowa.....	18	1	Warren, Ohio.....	1	
Janesville, Wis.....	1		Youngstown, Ohio.....	1	

**RABIES IN ANIMALS.****City Reports for Week Ended July 20, 1918.**

Place.	Cases.	Place.	Cases.
Akron, Ohio.....	3	Newark, N. J.....	1
Columbus, Ohio.....	1	Rochester, N. Y.....	1
Detroit, Mich.....	1	Springfield, Ohio.....	3
Louisville, Ky.....	2	Waco, Tex.....	1

**ROCKY MOUNTAIN SPOTTED FEVER.****Nevada Report for June, 1918.**

During the month of June, 1918, one case of Rocky Mountain spotted fever was reported in Humboldt County, Nev.

**SCARLET FEVER.****Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 3, 1918.**

	Cases.		Cases.
Camp Dodge zone, Iowa.....	2	Camp Pike zone, Ark.....	2
Camp Gordon zone, Ga.....	1	Camp Zachary Taylor zone, Ky.....	1
Camp Greene zone, N. C.....	6	Camp Travis zone, Tex.....	2
Fort Leavenworth zone, Kans.....	1	Camp Wadsworth zone, S. C.....	1
Fort Oglethorpe zone, Ga. and Tenn.....	3	Camp Wheeler zone, Ga.....	1

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1334.

**SMALLPOX.****Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 3, 1918.**

	Cases.		Cases.
Camp Bowie zone, Tex.....	5	Pertsmouth-Kittery sanitary district, N. H....	1
Bremerton zone, Wash.....	1	Camp Zachary Taylor zone, Ky.....	2
Camp McClellan zone, Ala.....	5		

## SMALLPOX—Continued.

## Washington—Raymond.

An outbreak of smallpox has occurred at Raymond, Wash., where 13 cases of the disease were reported from the beginning of the outbreak to August 7, 1918.

## State Reports for June, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
<b>Maine:</b>			<b>Texas—Continued.</b>		
Androscoggin County—			Lamar County.....	6	
Lewiston.....	8		Paris.....	2	
Wales (town).....	1		Lynn County.....	12	
Aroostook County—			McLennan County—		
Ludlow (town).....	1		Waco.....	2	
Fort Fairfield (town).....	4		Nolan County.....	2	
Houlton.....	6		Orange County.....	21	
Kennebec County—			Rockwall County.....	3	
Rome (town).....	1		San Patricio County.....	1	
Monmouth.....	2		Stephens County.....	5	
Penobscot County—			Tarrant County.....	7	
Bangor.....	38		Fort Worth.....	24	
Sagadahoc County—			Throckmorton County.....	7	
Bath.....	2		Tom Green County—		
Washington County—			San Angelo.....	2	
Centerville.....	5		Wichita County.....	5	
York County—					
York (town).....	21		Total.....	279	
South Berwick (town).....	1				
Total.....	90		<b>Washington:</b>		
<b>Oregon:</b>			Adams County—		
Columbia County.....	1		Othello.....	1	
Douglas County.....	2		Asotin County.....	1	
Hood River County.....	1		Clarkston.....	1	
Klamath County.....	4		Choke County.....	1	
Marion County.....	2		Vancouver.....	1	
Tillamook County.....	1		Columbia County.....	1	
Umatilla County.....	8		Douglas County—		
Wallowa County.....	4		Waterville.....	2	
Wasco County.....	9		Franklin County—		
Wheeler County.....	1		Pasco.....	2	
Portland.....	14		Grant County—		
Total.....	47		Wilson Creek.....	5	
<b>Texas:</b>			Grays Harbor County—		
Angelina County.....	32		Aberdeen.....	9	
Briscoe County.....	2		Jefferson County.....	14	
Cameron County.....	1		King County—		
Childress County.....	6		Seattle.....	29	
Coleman County.....	18		Lewis County.....	2	
Comal County.....	4		Lincoln County.....	1	
Crane County.....	25		Davenport.....	3	
Dallas County.....	9		Sprague.....	3	
Dallas.....	5		Pend Oreille County.....	1	
Denton County.....	3		Pierce County.....	2	
Eastland County.....	3		Tacoma.....	18	
El Paso County—			Wilkeson.....	1	
El Paso.....	1		Snohomish County.....	1	
Fayette County.....	5		Everett.....	4	
Gray County.....	4		Spokane County.....	1	
Guadalupe County.....	12		Hillyard.....	2	
Harris County—			Spokane.....	27	
Houston.....	7		Stevens County.....	11	
Harrison County—			Chewelah.....	18	
Marshall.....	4		Colville.....	1	
Henderson County.....	3		Thurston County—		
Hidalgo County.....	4		Tenino.....	1	
Hill County.....	16		Walla Walla County.....	2	
Hunt County.....	1		Walla Walla.....	2	
Jefferson County—			Whateam County—		
Beaumont.....	6		Beilingham.....	1	
Johnson County.....	6		Whitman County—		
Kaufman County.....	8		Farmington.....	19	
			Garfield.....	2	
			Larrosse.....	1	
			Oakesdale.....	1	
			Total.....	192	



## SMALLPOX—Continued.

## City Reports for Week Ended July 20, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	3	.....	Lincoln, Nebr.....	6	.....
Anniston, Ala.....	1	.....	Lorain, Ohio.....	1	.....
Atlanta, Ga.....	5	.....	Los Angeles, Cal.....	1	.....
Bellingham, Wash.....	4	.....	Madison, Wis.....	1	.....
Billings, Mont.....	1	.....	Marshalltown, Iowa.....	5	.....
Birmingham, Ala.....	2	.....	Minneapolis, Minn.....	9	.....
Boone, Iowa.....	3	.....	Muncie, Ind.....	5	.....
Boston, Mass.....	1	.....	New Castle, Pa.....	2	.....
Brazil, Ind.....	1	.....	Ogden, Utah.....	3	.....
Cheyenne, Wyo.....	2	.....	Oklahoma City, Okla.....	2	.....
Chicago, Ill.....	1	.....	Omaha, Nebr.....	5	.....
Cincinnati, Ohio.....	1	.....	Oshkosh, Wis.....	2	.....
Cleveland, Ohio.....	11	.....	Peoria, Ill.....	1	.....
Colorado Springs, Colo.....	1	.....	Philadelphia, Pa.....	1	.....
Council Bluffs, Iowa.....	8	.....	Pontiac, Mich.....	3	.....
Dallas, Tex.....	1	.....	Portland, Oreg.....	6	.....
Denver, Colo.....	4	.....	Quincy, Ill.....	2	.....
Des Moines, Iowa.....	5	.....	St. Joseph, Mo.....	4	.....
Detroit, Mich.....	5	.....	St. Louis, Mo.....	4	.....
Dubuque, Iowa.....	8	.....	Salt Lake City, Utah.....	12	.....
Elgin, Ill.....	1	.....	San Francisco, Cal.....	1	.....
El Paso, Tex.....	1	.....	San Jose, Cal.....	1	.....
Erie, Pa.....	2	.....	Seattle, Wash.....	6	.....
Fond du Lac, Wis.....	3	.....	Spokane, Wash.....	1	.....
Fort Worth, Tex.....	3	.....	Springfield, Ill.....	3	.....
Fremont, Ohio.....	3	.....	Tacoma, Wash.....	3	.....
Grand Rapids, Mich.....	1	.....	Toledo, Ohio.....	5	.....
Green Bay, Wis.....	1	.....	Topeka, Kans.....	3	.....
Houston, Tex.....	1	.....	Walla Walla, Wash.....	1	.....
Indianapolis, Ind.....	5	.....	Warren, Ohio.....	1	.....
Iola, Kans.....	4	.....	Washington, D. C.....	1	.....
Janesville, Wis.....	1	.....	Waterloo, Iowa.....	2	.....
Kansas City, Mo.....	3	.....	Wichita, Kans.....	13	.....
La Crosse, Wis.....	1	.....	Youngstown, Ohio.....	1	.....
Lake Charles, La.....	1	.....			

## SYPHILIS.

## Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 3, 1918.

Cases.	Cases.
Camp Bowie zone, Tex..... 41	Norfolk County naval district, Va..... 12
Camp Gordon zone, Ga..... 35	Fort Oglethorpe zone, Ga. and Tenn..... 12
Camp Greene zone, N. C..... 13	Camp Pike zone, Ark..... 3
Gulfport health district, Miss..... 2	Portsmouth-Kittery sanitary district, N. H..... 1
Camp Hancock zone, Ga..... 8	Camp Sheridan zone, Ala..... 14
Camp Jos. E. Johnston zone, Fla..... 46	Camp Zachary Taylor zone, Ky..... 29
Camp Lee zone, Va..... 3	Tidewater health district, Va..... 9
Camp Logan zone, Tex..... 39	Camp Travis zone, Tex..... 31
Camp MacArthur zone, Tex..... 1	Camp Wadsworth zone, S. C..... 1
Camp McClellan zone, Ala..... 6	Camp Wheeler zone, Ga..... 20

## TETANUS.

## City Reports for Week Ended July 20, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baltimore, Md.....		2	New Orleans, La.....		1
Cape Girardeau, Mo.....	1	1	New York N. Y.....	1	1
Chicago, Ill.....	2	.....	San Francisco, Cal.....	1	1
Dayton, Ohio.....		1	Worcester, Mass.....	2	1

## TUBERCULOSIS.

## Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 3, 1918.

	Cases.		Cases.
Camp Bowie zone, Tex.....	1	Camp Pike zone, Ark.....	3
Bremerton zone, Wash.....	2	Portsmouth-Kittery sanitary district, N. H....	2
Camp Dodge zone, Iowa.....	3	Camp Sheridan zone, Ala.....	1
Camp Eberts zone, Ark.....	6	Camp Sherman zone, Ohio.....	1
Camp Gordon zone, Ga.....	2	Camp Zachary Taylor zone, Ky.....	7
Gulfport health district, Miss.....	1	Tidewater health district, Va.....	1
Camp Hancock zone, Ga.....	17	Camp Travis zone, Tex.....	4
Camp Jos. E. Johnston zone, Fla.....	2	Camp Upton zone, N. Y.....	5
Camp Lee zone, Va.....	1	Vancouver zone, Wash.....	1
Camp Logan zone, Tex.....	3	Camp Wadsworth zone, S. C.....	2
Camp MacArthur zone, Tex.....	2	Camp Wheeler zone, Ga.....	3
Norfolk County naval district, Va.....	5		

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1334.

## TYPHOID FEVER.

## Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 3, 1918.

	Cases.		Cases.
Camp Beauregard zone, La.....	5	Norfolk County naval district, Va.....	10
Camp Bowie zone, Tex.....	12	Fort Oglethorpe zone, Ga. and Tenn.....	5
Camp Dodge zone, Iowa.....	9	Camp Pike zone, Ark.....	5
Camp Doniphan zone, Okla.....	2	Portsmouth-Kittery sanitary district, N. H....	1
Camp Eberts zone, Ark.....	2	Camp Sevier zone, S. C.....	1
Camp Gordon zone, Ga.....	3	Camp Sheridan zone, Ala.....	11
Camp Greene zone, N. C.....	10	Camp Sherman zone, Ohio.....	2
Gulfport health district, Miss.....	4	Camp Zachary Taylor zone, Ky.....	3
Camp Hancock zone, Ga.....	1	Tidewater health district, Va.....	9
Camp Jackson zone, S. C.....	1	Camp Travis zone, Tex.....	28
Camp Jos. E. Johnston zone, Fla.....	10	Camp Wadsworth zone, S. C.....	2
Camp Logan zone, Tex.....	1	Camp Wheeler zone, Ga.....	6
Camp McClellan zone, Ala.....	8		

## State Reports for June, 1918.

Place.	New cases reported.	Place.	New cases reported.
<b>Maine:</b>		<b>Texas:</b>	
Aroostook County—		Angelina County.....	2
Oakfield (town).....	1	Austin County.....	10
Cumberland County—		Bexar County.....	66
Portland.....	5	Bowie County—	
Kennebec County—		Texarkana.....	1
Augusta.....	1	Brown County.....	2
Somerset County—		Coleman County.....	1
Concord (town).....	1	Collin County.....	8
Waldo County—		Comal County.....	2
Knox (town).....	1	Crane County.....	1
Northport (town).....	2	Dallas County.....	3
York County—		Dallas.....	12
South Berwick (town).....	1	Denton County.....	8
Total.....	12	De Witt County.....	3
		Dimmitt County.....	5
<b>Nevada:</b>		Galveston County—	
White Pine County.....	3	Galveston.....	11
		Gonzales County.....	3
<b>Oregon:</b>		Guadalupe County.....	15
Clackamas County.....	1	Hale County.....	3
Lane County.....	1	Hamilton County.....	1
Linn County.....	3	Harris County—	
Marion County.....	1	Houston.....	12
Tillamook County.....	1	Jefferson County—	
Portland.....	4	Beaumont.....	5
Total.....	11	Johnson County.....	6
		Cleburne.....	10
		Kaufman County.....	2
		Kleberg County.....	3

## TYPHOID FEVER—Continued.

## State Reports for June, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
Texas—Continued.		Washington:	
Lavaca County.....	11	Chelan County.....	2
McLennan County.....	3	Chelan.....	1
Waco.....	18	Wenatchee.....	5
Midland County.....	2	Columbia County—	
Newton County.....	1	Dayton.....	2
Nolan County.....	1	Cowlitz County.....	1
Nueces County—		Grant County—	
Corpus Christi.....	1	Hartline.....	1
Rockwall County.....	5	King County—	
San Patricio County.....	1	Seattle.....	2
Smith County—		Lewis County—	
Tyler.....	1	Chehalis.....	2
Tarrant County.....	2	Okanogan County—	
Fort Worth.....	11	Okanogan.....	2
Taylor County.....	10	Skamania County.....	1
Tom Green County—		Spokane County—	
San Angelo.....	17	Spokane.....	7
Travis County—		Stevens County.....	1
Austin.....	8	Walla Walla County.....	5
Victoria County.....	6	Walla Walla.....	5
Waller County.....	4	Yakima County.....	3
Williamson County.....	4	Yakima.....	2
		Sunnyside.....	2
Total.....	301	Total.....	44

## City Reports for Week Ended July 29, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Allentown, Pa.....	1		Hoboken, N. J.....	1	
Altoona, Pa.....	2		Homestead, Pa.....	1	
Anniston, Ala.....	1		Houston, Tex.....	2	
Atlanta, Ga.....	3	3	Independence, Kans.....		1
Baltimore, Md.....	8	2	Indianapolis, Ind.....	4	1
Bellingham, Wash.....	4		Jacksonville, Ill.....	1	
Bellevue, Mont.....	2		Kansas City, Mo.....	6	1
Birmingham, Ala.....	14	3	Knoxville, Tenn.....	2	
Boston, Mass.....	4		Kokomo, Ind.....		1
Brookton, Mass.....	1		La Fayette, Ind.....	1	
Cambridge, Mass.....	1		Little Rock, Ark.....	2	
Camden, N. J.....	4		Los Angeles, Cal.....	6	1
Charleston, S. C.....	19	3	Louisville, Ky.....	9	
Charleston, W. Va.....	6	2	Lynchburg, Va.....		1
Charlotte, N. C.....	15	1	Lynn, Mass.....	1	
Chattanooga, Tenn.....	4		Memphis, Tenn.....	5	3
Chicago, Ill.....	7		Milwaukee, Wis.....	2	
Cincinnati, Ohio.....	3		Minneapolis, Minn.....	1	
Cleveland, Ohio.....	1		Mobile, Ala.....	7	
Clinton, Mass.....		1	Moline, Ill.....	73	2
Colorado Springs, Colo.....	1		Montgomery, Ala.....	2	
Cortland, N. Y.....	1		Nashville, Tenn.....	21	
Dallas, Tex.....	2	1	Newark, N. J.....	1	
Dayton, Ohio.....	1		New Bedford, Mass.....	1	
Denver, Colo.....	1		New Castle, Pa.....	1	
Des Moines, Iowa.....	1		New Orleans, La.....	15	7
Detroit, Mich.....	2	1	New York, N. Y.....	52	3
Dunmore, Pa.....	1		Niagara Falls, N. Y.....	1	
Durham, N. C.....	8		Norfolk, Va.....	2	
Easton, Pa.....	1		North Little Rock, Ark.....	3	
Elmira, N. Y.....	1		North Yakima, Wash.....	2	
El Paso, Tex.....	1	1	Norwalk, Conn.....	1	
Everett, Mass.....	1		Oakland, Cal.....	3	
Fairmont, W. Va.....	8		Oklahoma City, Okla.....	4	1
Fall River, Mass.....	3		Palestine, Tex.....	4	
Fort Worth, Tex.....	8	1	Petersburg, Va.....	1	
Galveston, Tex.....	1	1	Philadelphia, Pa.....	7	2
Grand Rapids, Mich.....	1		Pittsburgh, Pa.....	8	
Greenville, S. C.....	1		Pittsfield, Mass.....	2	
Greenville, Tex.....	2		Pottstown, Pa.....	1	
Hartford, Conn.....	1		Poughkeepsie, N. Y.....	1	
Hattiesburg, Miss.....	1		Providence, R. I.....	1	
Haverhill, Mass.....	2		Quincy, Mass.....	1	

## TYPHOID FEVER—Continued.

## City Reports for Week Ended July 20, 1918—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Reno, Nev.	2	.....	Spartanburg, S. C.	4	.....
Richmond, Va.	6	.....	Spokane, Wash.	1	.....
Riverside, Cal.	1	.....	Springfield, Ill.	1	1
Rockford, Ill.	1	.....	Toledo, Ohio.	1	1
Rock Island, Ill.	2	.....	Tepeka, Kans.	5	.....
Rocky Mount, N. C.	1	.....	Trenton, N. J.	1	.....
Sacramento, Cal.	1	.....	Troy, N. Y.	.....	1
St. Joseph, Mo.	2	.....	Waco, Tex.	2	.....
St. Louis, Mo.	11	2	Walla Walla, Wash.	5	.....
San Francisco, Cal.	3	.....	Washington, D. C.	11	5
San Jose, Cal.	1	1	Wheeling, W. Va.	11	.....
Santa Barbara, Cal.	.....	1	Wichita, Kans.	4	.....
Sault Ste. Marie, Mich.	1	.....	Wilmington, Del.	2	.....
Scranton, Pa.	1	.....	Winston-Salem, N. C.	6	2
Seattle, Wash.	1	.....	York, Pa.	3	.....
Sedalia, Mo.	1	.....	Youngstown, Ohio.	2	.....
Sioux Falls, S. Dak.	.....	1			

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

## State Reports for June, 1918.

State.	Cases reported.			State.	Cases reported.		
	Diphtheria.	Measles.	Scarlet fever.		Diphtheria.	Measles.	Scarlet fever.
Maine.....	15	73	43	Texas.....	39	59	28
Nevada.....	0	31	3	Washington.....	38	535	360
Oregon.....	22	283	40				

## City Reports for Week Ended July 20, 1918.

City.	Population as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Over 500,000 inhabitants:										
Baltimore, Md.	589,621	220	6	1	27	1	8	.....	41	26
Boston, Mass.	756,476	200	50	2	83	2	15	.....	81	22
Chicago, Ill.	2,497,722	563	68	12	50	1	27	1	399	65
Cleveland, Ohio.	674,073	.....	12	1	15	.....	2	.....	44	21
Detroit, Mich.	571,784	163	52	7	32	2	14	1	40	17
Los Angeles, Cal.	505,812	121	32	.....	15	.....	1	.....	47	20
New York, N. Y.	5,662,841	1,173	211	16	123	6	52	2	232	144
Philadelphia, Pa.	1,709,518	550	36	4	107	2	17	2	105	73
Pittsburgh, Pa.	579,060	.....	11	.....	57	.....	8	.....	18	.....
St. Louis, Mo.	757,309	204	14	2	4	.....	6	.....	49	17
From 300,000 to 500,000 inhabitants:										
Buffalo, N. Y.	468,558	117	11	.....	89	3	7	.....	21	15
Cincinnati, Ohio.	410,476	111	14	.....	33	.....	9	.....	24	18
Jersey City, N. J.	308,345	.....	11	.....	6	.....	6	.....	14	.....
Milwaukee, Wis.	436,535	.....	8	1	65	.....	16	1	22	5
Minneapolis, Minn.	363,454	.....	7	3	15	.....	6	1	15	4
Newark, N. J.	408,894	90	9	1	26	.....	5	1	32	13
New Orleans, La.	371,747	160	13	.....	.....	.....	.....	.....	34	25
San Francisco, Cal.	463,516	.....	9	2	60	.....	5	.....	23	16
Seattle, Wash.	348,639	.....	5	.....	11	.....	6	.....	.....	.....
Washington, D. C.	363,980	137	7	1	12	.....	3	.....	15	9

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended July 20, 1918—Continued.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 200,000 to 300,000 inhabitants:										
Columbus, Ohio.....	214,878	61					7		3	4
Denver, Colo.....	260,800	66	8		2		9			13
Indianapolis, Ind.....	271,708	75	17	3	3		7		11	5
Kansas City, Mo.....	297,874	76	2	1	1					16
Louisville, Ky.....	238,910	62	4		1				6	6
Portland, Oreg.....	295,463	57			4		3		5	5
Providence, R. I.....	254,950	78	5		40	3	3		7	7
Rochester, N. Y.....	256,417	60	3		42		4		8	5
From 100,000 to 200,000 inhabitants:										
Atlanta, Ga.....	190,558	48	1				2		7	1
Birmingham, Ala.....	181,762	49			5				9	8
Bridgeport, Conn.....	121,576	37	7						6	3
Cambridge, Mass.....	112,981		16		10		1		6	8
Camden, N. J.....	106,233		2		2		2		11	
Dallas, Tex.....	124,527	33							5	2
Dayton, Ohio.....	127,224		2				2		1	8
Fall River, Mass.....	128,366	37	4	1	7		4		8	6
Fort Worth, Tex.....	104,562	18	2							
Grand Rapids, Mich.....	128,291		3		3		5		3	3
Hartford, Conn.....	110,900	29	3		3		1		6	3
Houston, Tex.....	112,307	31	1						4	1
Lawrence, Mass.....	100,560	29	1	1	18				2	3
Lowell, Mass.....	113,245	38			26		1		5	2
Lynn, Mass.....	102,425	20	1		4		2		2	4
Memphis, Tenn.....	148,995	41	1				3		21	4
Nashville, Tenn.....	117,057	53			2				4	7
New Bedford, Mass.....	118,158	59	2		1		1		10	4
New Haven, Conn.....	149,685		1		10		1		3	2
Oakland, Cal.....	198,604	38			1		2		1	3
Omaha, Nebr.....	165,470	36	7	1	2		2		1	3
Reading, Pa.....	109,381		1		4					
Richmond, Va.....	156,687	54	2		2		2		8	6
Salt Lake City, Utah.....	117,399	14			4		5			1
Scranton, Pa.....	116,811		3		2		1		11	
Spokane, Wash.....	150,323		1		1		2		4	
Springfield, Mass.....	105,942	38	1		14				5	
Syracuse, N. Y.....	155,624	47	1		5		2		3	1
Tacoma, Wash.....	112,770				5		15			
Toledo, Ohio.....	191,554	43	6	1	2		6			7
Trenton, N. J.....	111,593	43	4		34	1	1		5	4
Worcester, Mass.....	163,314	44	2		9		1		5	6
Youngstown, Ohio.....	108,385		3		4		1			
From 50,000 to 100,000 inhabitants:										
Akron, Ohio.....	85,625	27	6		11		4	1	21	
Allentown, Pa.....	63,505		3		94				2	
Altoona, Pa.....	58,659		6		1					
Atlantic City, N. J.....	57,660	14			5				3	
Bayonne, N. J.....	69,893		1						1	
Berkeley, Cal.....	57,653	8	1		1				1	
Brockton, Mass.....	67,449	7			6		5		3	
Canton, Ohio.....	60,852	12	1		6					
Charleston, S. C.....	60,734	24							5	2
Chattanooga, Tenn.....	60,075						2		1	
Covington, Ky.....	57,144	12					1		1	2
Duluth, Minn.....	94,495	6	5		7				3	
El Paso, Tex.....	63,705	31								
Erie, Pa.....	75,195		4		25		1		5	9
Flint, Mich.....	54,772	19	1		1		2			
Fort Wayne, Ind.....	76,183	9	2							1
Harrisburg, Pa.....	72,015		1							
Hoboken, N. J.....	77,214	15								3
Holyoke, Mass.....	65,286	20	1		2				1	2
Johnstown, Pa.....	68,529		3		9		2		1	
Kansas City, Kans.....	99,437				1				2	
Lancaster, Pa.....	50,853		2		1				2	
Little Rock, Ark.....	57,343	15					1		8	2
Malden, Mass.....	51,155	7	3	1	1		1		1	1
Manchester, N. H.....	78,283	13	4						9	1



## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended July 20, 1918—Continued.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 50,000 to 100,000 inhabit- ants—Continued.										
Mobile, Ala.	58,221	26	1							2
New Britain, Conn.	53,794	17	11		5		1		1	
Norfolk, Va.	89,612									7
Oklahoma City, Okla.	92,993	20								3
Passaic, N. J.	71,744	16	4		29				3	
Pawtucket, R. I.	59,411	18								
Peoria, Ill.	71,458	14			1					
Portland, Me.	63,867	19								3
Rockford, Ill.	55,185	12	1		3		2		1	1
Sacramento, Cal.	66,895	19	1		2		1		4	3
Saginaw, Mich.	55,642	14			7		1			
St. Joseph, Mo.	85,236	34							2	1
San Diego, Cal.	53,330	17			1		6		3	2
Schenectady, N. Y.	99,519	18	1		7				5	
Somerville, Mass.	87,039	22	2		5				3	
South Bend, Ind.	68,946	19			1				7	
Springfield, Ill.	61,120	11					1			
Springfield, Ohio.	51,550	12			10				3	
Troy, N. Y.	77,916	24					1		1	5
Wilkes-Barre, Pa.	76,776		3		18				4	
Wilmington, Del.	94,265	25	1				1		3	3
Yonkers, N. Y.	99,838	18	3		26					3
York, Pa.	51,636				1		1		1	
From 25,000 to 50,000 inhabitants:										
Alameda, Cal.	27,732	4	2		2				1	
Bellingham, Wash.	32,985								1	
Boise, Idaho.	33,846	3								
Brookline, Mass.	32,730	3			2		1			
Burlington, Iowa.	25,030	9	2							
Charleston, W. Va.	29,941	6	2		4					
Charlotte, N. C.	39,823	7	1				1			
Chelsea, Mass.	46,192	12	1	1			2			
Chester, Pa.	41,396								6	
Chicopee, Mass.	29,319	10			1					
Clinton, Iowa.	27,386						2			
Colorado Springs, Colo.	32,971	11			2		1		23	2
Council Bluffs, Iowa.	31,484	8								
Cranston, R. I.	25,987	7								
Cumberland, Md.	26,674	5			2				2	1
Danville, Ill.	32,261	16							1	1
Davenport, Iowa.	48,811		6				1		2	
Dubuque, Iowa.	39,873		1		2					
Durham, N. C.	25,661	7								1
Easton, Pa.	30,530				7					
East Orange, N. J.	42,458	5			1		1			
Elgin, Ill.	28,203	4								
Elmira, N. Y.	38,120	1			105				2	
Evanston, Ill.	28,591	14	1				2			
Everett, Mass.	39,233	3	3		2		3		3	1
Everett, Wash.	35,486	3								
Galveston, Tex.	41,863	18							1	2
Green Bay, Wis.	29,353	15	2				2		2	2
Haverhill, Mass.	48,477	4	1		23				3	
Hazleton, Pa.	28,491		2		8					
Jackson, Mich.	35,396	12			1		5		1	1
Jamestown, N. Y.	36,580	10			20		1	1	1	1
Kalamazoo, Mich.	48,886	24			2				3	4
Kenosha, Wis.	31,576	9	4		16		1		1	
Knoxville, Tenn.	38,676								3	3
La Crosse, Wis.	31,677	3	1							
Lexington, Ky.	41,097	15								
Lincoln, Neb.	46,515	13								
Long Beach, Cal.	27,587	11	1						1	
Lorain, Ohio.	36,946		2				2			
Lynchburg, Va.	32,940	12								2
Madison, Wis.	30,609	8			4		2			
McKeesport, Pa.	47,521				3				2	
Medford, Mass.	26,234	5			9					2
Moline, Ill.	27,451	8	1		1					

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended July 20, 1918—Continued.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.		
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
From 25,000 to 50,000 inhabit- ants—Continued.											
Montclair, N. J.	26,318	6							1		
Montgomery, Ala.	43,285	21							1		
Muncie, Ind.	25,424	9	2		1				5	1	
Nashua, N. H.	27,327	10								1	
Newark, Ohio.	29,635	5									
Newburgh, N. Y.	29,603	4									
New Castle, Pa.	41,133		1				1				
Newport, Ky.	31,927	4									
Newport, R. I.	30,108	6	1				1		1		
Newton, Mass.	43,715	9			1				2	2	
Niagara Falls, N. Y.	37,353	9	1		12		2		2		
Norwalk, Conn.	26,899		1						1	1	
Oak Park, Ill.	26,654	7							1		
Ogden, Utah.	31,404	10									
Orange, N. J.	33,080	9	1				1		3	1	
Oshkosh, Wis.	36,065	4			2						
Pasadena, Cal.	46,450	11					1		2		
Perth Amboy, N. J.	41,185	17					1		3		
Petersburg, Va.	25,582	12	1		2				2	1	
Pittsfield, Mass.	38,629						1		2		
Poughkeepsie, N. Y.	30,390	2	1		1						
Quincy, Ill.	36,798	6	2		1					1	
Quincy, Mass.	38,136	3							1		
Racine, Wis.	46,486	6					2				
Roanoke, Va.	43,284	13	1		3				3	2	
Rock Island, Ill.	28,926	6			6						
Salem, Mass.	48,562	7	1		2					1	
San Jose, Cal.	38,902				1		1		1		
Sheboygan, Wis.	28,559	4			6	1					
Springfield, Mo.	40,341	12									
Steubenville, Ohio.	27,445	9	1				1				
Stockton, Cal.	35,358	11	1				1		1	1	
Superior, Wis.	46,266	13	1	1	4		1			4	
Taunton, Mass.	36,283	11							1	1	
Topeka, Kans.	48,726				4		1		3		
Waco, Tex.	33,385	15							4	3	
Waterloo, Iowa.	35,559	11									
Watertown, N. Y.	29,894	3								1	
West Hoboken, N. J.	43,139	3	2		1		1		1	1	
Wheeling, W. Va.	43,377	12							1	2	
Williamsport, Pa.	33,909		1								
Winston-Salem, N. C.	31,155	20					1		2		
Zanesville, Ohio.	39,863	5									
From 10,000 to 25,000 inhabitants:											
Adams, Mass.	14,214	4									
Alexandria, La.	15,333	10									
Alton, Ill.	22,874	4	1								
Ann Arbor, Mich.	15,010	3	2		2				2		
Anniston, Ala.	14,112		1								
Ansonia, Conn.	16,704	6							3	1	
Appleton, Wis.	17,834				1						
Arlington, Mass.	12,810	5									
Asbury Park, N. J.	14,067	2	1		1						
Ashtabula, Ohio.	21,498	5							1		
Astoria, Oreg.	10,363	1			2		1				
Attleboro, Mass.	19,282	3								1	
Bakersfield, Cal.	16,874	6							1		
Barberton, Ohio.	13,210	3	1						1		
Batavia, N. Y.	13,350	5			1						
Beatrice, Nebr.	10,287	5								1	
Beaver Falls, Pa.	13,532		1								
Belleville, N. J.	12,393				2				1		
Beloit, Wis.	18,072	3	1								
Benton Harbor, Mich.	10,833	1			1						
Bethlehem, Pa.	14,142		1		6						
Beverly, Mass.	21,645	6			1				1	1	
Billings, Mont.	14,422	2			2		3		1	1	
Bloomfield, N. J.	18,466	2	2	1	1	1	3		1		
Braddock, Pa.	21,685		1		3		1				
Brazil, Ind.	10,315	3			2						

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended July 20, 1918—Continued.

City.	Population as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 10,000 to 25,000 inhabitants—Continued.										
Bristol, Conn.	15,927	5								
Burlington, Vt.	21,617	7			1					
Cairo, Ill.	15,794	5	1							
Canton, Ill.	13,262	1								
Cape Girardeau, Mo.	10,775	1								
Carbondale, Pa.	19,242		1						1	
Carnegie, Pa.	11,692				1					
Chillicothe, Ohio	15,470	1								
Clinton, Mass.	13,075	6			2				2	
Coatesville, Pa.	14,455				1		1		2	
Columbia, Pa.	11,454				2					
Concord, N. H.	22,669	5	1		2					
Corning, N. Y.	15,406		2		4				2	
Corpus Christi, Tex.	10,432	3								
Cortland, N. Y.	13,069	7							1	
Dedham, Mass.	10,433	1								
Dover, N. H.	13,272	3			2				1	
Dunmore, Pa.	20,776		1							
East Cleveland, Ohio	13,214				2					
East Providence, R. I.	18,113		1							
Englewood, N. J.	12,231	1							1	
Fargo, N. Dak.	17,389	6								
Findlay, Ohio	14,858	7					1			
Fond du Lac, Wis.	21,113	9					2			2
Fort Scott, Kans.	10,550	2			1					
Fostoria, Ohio	10,770	3								
Framingham, Mass.	13,982	1			1					
Fremont, Ohio	10,882						2			
Galesburg, Ill.	24,267	10								1
Gardner, Mass.	17,140	1			3		1			1
Geneva, N. Y.	13,711	3			8					
Gloucester City, N. J.	24,398	2			2				2	
Granite City, Ill.	15,142	3					1			
Greenville, S. C.	18,181	5								
Greenwich, Conn.	19,159								2	1
Hackensack, N. J.	19,945	5	2		3		1			
Holland, Mich.	12,185	1								1
Homesead, Pa.	22,466				1		1			
Hornell, N. Y.	14,685	2			9					
Independence, Kans.	14,506	3								
Independence, Mo.	11,672	4								
Iola, Kans.	11,068		1							
Jacksonville, Ill.	15,481	4								
Janesville, Wis.	14,339	1					1			
Kearny, N. J.	25,539	5	1				3		3	
Kokomo, Ind.	20,920	5							2	1
Lackawanna, N. Y.	15,987	5			5				1	
La Fayette, Ind.	21,286		2				2			
Lake Charles, La.	14,447	7								1
Leavenworth, Kans.	19,363	5								1
Lebanon, Pa.	20,799		2						1	
Long Branch, N. J.	15,395	3			4					1
Manchester, Conn.	15,551	3								
Manitowoc, Wis.	13,805	1					2			
Mansfield, Ohio	22,734		2		1					1
Marlboro, Mass.	15,187	4			1				1	
Marquette, Mich.	12,909	3								
Marshalltown, Iowa	14,360		1		1		2	1		
Mason City, Iowa	14,457	4								
Massillon, Ohio	15,310	2								
Mattoon, Ill.	12,582	1			2					1
Meadville, Pa.	13,802				1					
Melrose, Mass.	17,445	5			2					
Middletown, N. Y.	15,810	2	1		2	1				1
Milford, Mass.	14,110	2								
Mishawaka, Ind.	16,385	5								
Missoula, Mont.	18,214	1							3	
Monesen, Pa.	21,630		2							

1 Population Apr. 15, 1910; no estimate made.

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended July 20, 1918—Continued.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 10,000 to 25,000 inhabit- ants—Continued.										
Morgantown, W. Va.	13,709	2			3				1	
Morristown, N. J.	13,234	4								
Moundsville, W. Va.	11,153	2					1			
Mt. Carmel, Pa.	20,298		1						1	
Muscatine, Iowa	17,500									
Nanticoke, Pa.	23,126				2		1		1	
Natick, Mass.	10,102	4			3					
Newburyport, Mass.	15,243	9								
New London, Conn.	30,985	7					1			2
North Adams, Mass.	132,019	7							1	
Northampton, Mass.	19,926	6			2				1	
North Attleboro, Mass.	11,014	3					1			
North Little Rock, Ark.	14,907	1								
North Tonawanda, N. Y.	13,768	4			14				1	1
Norwood, Ohio.	22,286	3	3							3
Oil City, Pa.	19,297						1			
Olean, N. Y.	16,624	2								
Parkersburg, W. Va.	20,618	7								
Peabody, Mass.	18,360	3			10		1		3	
Phoenixville, Pa.	11,714				4				1	
Piqua, Ohio.	14,153	6								1
Pittston, Pa.	18,590		1		11					
Plainfield, N. J.	23,805	6	1						1	
Plymouth, Mass.	13,743	4								
Pomona, Cal.	13,150	3								
Pontiac, Mich.	17,524	14								1
Port Chester, N. Y.	16,183	5							2	1
Portsmouth, N. H.	11,686								3	2
Pottstown, Pa.	16,794		2		7				1	
Pottsville, Pa.	22,372				3					
Rahway, N. J.	10,219	2			2					
Raleigh, N. C.	20,127	15	1							
Redlands, Cal.	14,000	2			1				2	1
Reno, Nev.	14,869	4								1
Richmond, Ind.	24,697	5	1							
Riverside, Cal.	19,763	11								4
Rocky Mount, N. C.	12,067	5							2	
Rome, N. Y.	23,737								4	
Rutland, Vt.	14,831	2								
St. Cloud, Minn.	11,617	1								
San Angelo, Tex.	10,321	2								
Sandusky, Ohio.	20,193	2								
Sanford, Me.	10,916	1								
Santa Barbara, Cal.	14,846	6								
Santa Cruz, Cal.	14,594	7								1
Saratoga Springs, N. Y.	13,821	7	1		28					
Sault Ste. Marie, Mich.	13,919	3								
Sedalia, Mo.	19,449	5							1	
Shamokin, Pa.	21,129						1			
Shelbyville, Ind.	10,965	3								
Sioux Falls, S. Dak.	16,499	12								
Southbridge, Mass.	14,205	4							1	1
Steelton, Pa.	15,548				1				1	
Sunbury, Pa.	16,260		1		1				3	
Tuscaloosa, Ala.	10,488	5								
Vallejo, Cal.	13,461	2							2	
Warren, Ohio.	13,059	14	2		2		1			
Watertown, Mass.	14,867		1							
Wausau, Wis.	19,239	7			1					
West Chester, Pa.	13,176						1			
Westfield, Mass.	18,391	2					1			
West New York, N. J.	18,773								1	
West Orange, N. J.	13,550	1	1		1		2			
Wilkinsburg, Pa.	23,238		1				1			
Winchester, Mass.	10,603	1								
Winona, Minn.	18,583	1					1			
Woburn, Mass.	15,969	3	1		1		2		1	2

\* Population Apr. 15, 1910; no estimate made.

## FOREIGN.

### CHINA.

#### Disease Resembling Dengue—Shanghai.

Prevalence of a disease resembling dengue, and affecting about 50 per cent of the population, was reported at Shanghai, China, June 15, 1918.

#### Plague-Infected Rats—Hongkong.

During the period from May 12 to June 1, 1918, out of a total of 6,887 rats examined at Hongkong, 35 were found plague infected.

### CUBA.

#### Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

Disease.	July 1-10, 1918.		Remain- ing under treatment July 10, 1918.
	New cases.	Deaths.	
Leptosy.....			13
Malaria.....	21	1	125
Measles.....			3
Paratyphoid fever.....	1		6
Typhoid fever.....	32	7	136
Varicella.....	1		7

<sup>1</sup> From the interior, 23.

<sup>2</sup> From the interior, 1.

<sup>3</sup> From the interior, 63; from Regla, 1.

### GREAT BRITAIN.

#### Plague—Erwarton, England.

A fatal case of plague, of undetermined origin, was notified June 19, 1918, at Erwarton, East Suffolk, England.

### JAVA.

#### Further Relative to Cholera.<sup>1</sup>

During the week ended June 6, 1918, the prevalence of cholera in Java was reported as follows: Mid-Java, 63 cases occurring at four localities; West Java, 263 cases, of which 157 occurred at Cheribon and 10 at Batavia. Cholera was reported prevalent at Cheribon from May 6 to 29, 1918.

<sup>1</sup> Public Health Reports, July 26, 1918, p. 1259.



## PERU.

Plague—April 16–May 31, 1918.

During the period from April 16 to May 31, 1918, 48 cases of plague were notified in Peru. The cases were distributed according to departments, as follows: Cajamarca, 7 cases; Lambayeque, 8 cases; Libertad, 24 cases; Lima, 5 cases; Piura, 4 cases.

## CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.

Reports Received During the Week Ended Aug. 9, 1918.<sup>1</sup>

## CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Rangoon.....	May 12-18.....		1	
Indo-China:				
Cochin-China—				
Saigon.....	May 20-26.....	17	13	
Java:				
Mid-Java.....				May 23-29, 1918: Cases, 63; deaths, 62.
West Java.....				May 31–June 6, 1918: Cases, 263; deaths, 187.
Philippine Islands:				
Provinces.....				June 9-15, 1918: Cases, 137; deaths, 91.
Bohol.....	June 9-15.....	14	12	
Cebu.....	.....do.....	15	9	
Misamis.....	.....do.....	46	23	
Oriental Negros.....	.....do.....	6	3	
Sorsogon.....	.....do.....	14	5	
Surigao.....	.....do.....	42	39	
Provinces.....				June 16-22, 1918: Cases, 79; deaths, 56.
Bohol.....	June 16-22.....	10	9	
Cebu.....	.....do.....	13	9	
Misamis.....	.....do.....	9	5	
Oriental Negros.....	.....do.....	26	12	
Sorsogon.....	.....do.....	2	2	
Surigao.....	.....do.....	19	19	

## PLAGUE.

China:				
Hongkong.....	May 26–June 1.....	17	12	
Great Britain:				
Erwarton.....	June 19.....	1	1	Rural district, Samford, East Suffolk.
India:				
Rangoon.....	May 12-18.....	23	23	
Peru:				Apr. 16–May 31, 1918: Cases, 48.
Departments—				
Cajamarca.....	Apr. 16–May 31.....	7		
Lambayeque.....	.....do.....	8		
Libertad.....	.....do.....	24		
Lima.....	.....do.....	5		
Piura.....	.....do.....	4		
Siam:				
Bangkok.....	May 5-18.....	20	20	
Straits Settlements:				
Singapore.....	Apr. 2–May 18.....	40	33	

<sup>1</sup> From medical officers of the Public Health Service, American consuls, and other sources.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—** Continued.

**Reports Received During the Week Ended Aug. 9, 1918—Continued.**

## **SMALLPOX.**

Place.	Date.	Cases.	Deaths.	Remarks.
Canada:				
Nova Scotia—				
Halifax.....	July 14-20.....	16		
China:				
Amoy.....	May 20-June 9.....			Present.
Chungking.....	May 19-June 8.....		2	Do.
Dairen.....	June 18-21.....	4		
Hailar Station.....	Feb. 12-18.....	2		Chinese Eastern Ry.
Harbin.....	Mar. 20-26.....	2		Do.
Manchuria Station.....	Feb. 19-Apr. 8.....	5		Do.
Nanking.....	June 16-22.....			Present.
Colombia:				
Cartagena.....	June 25-July 1.....		1	
India:				
Rangoon.....	May 12-18.....	11	4	
Japan:				
Nagasaki.....	June 24-30.....	5	1	
Taihoku.....	June 18-24.....	3	2	
Java:				
Mid-Java.....				May 23-29, 1918: Cases, 9.
West Java.....				May 31-June 6, 1918: Cases, 16; deaths, 2.
Batavia.....	May 31-June 6.....	14		
Mexico:				
Guadalajara.....	June 1-30.....	3		
Mexico City.....	June 30-July 6.....	2		
Philippine Islands:				
Manila.....	June 9-22.....	156	128	Varioloid 26.
Portugal:				
Lisbon.....	June 23-29.....	20		
Siam:				
Bangkok.....	May 11-18.....	1	1	
Straits Settlements:				
Penang.....	May 5-11.....	2		
Union of South Africa:				
Johannesburg.....	Apr. 1-30.....	8		

## **TYPHUS FEVER.**

Argentina:				
Rosario.....	May 1-31.....		1	
China:				
Changsha.....	May 11-17.....	2	1	
Harbin.....	Feb. 5-Apr. 8.....	3		On Chinese Eastern Ry.
Manchuria Station.....	Feb. 5-Apr. 8.....	12		Do.
Greece:				
Saloniki.....	June 9-22.....	13		
Japan:				
Tokyo.....	June 24-July 7.....	1		
Java:				
West Java.....				May 31-June 6, 1918: Cases, 2; deaths, 2.
Batavia.....	May 31-June 6.....	1		
Mexico:				
Aguascalientes.....	July 8-14.....		1	
Guadalajara.....	June 1-30.....	5	2	
Mexico City.....	June 30-July 6.....	34		
Tunisia:				
Tunis.....	June 15-21.....	2	1	

## **YELLOW FEVER.**

Brazil:				
Bahia.....	June 2-15.....	7	4	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—** Continued.

Reports Received from June 29 to Aug. 2, 1918.

## **CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>India:</b>				
Bombay.....	Mar. 17-Apr. 13....	2	1	
Calcutta.....	Apr. 14-20.....		128	
Madras.....	Mar. 24-May 11....	4	2	
Rangoon.....	Mar. 30-May 11....	25	17	
Indo-China.....				Jan. 1-Feb. 28, 1918: Cases, 190; deaths, 123.
Cambodia.....	Jan. 1-Feb. 28....	135	83	
Cochin-China.....	do.....	54	43	
Saigon.....	Apr. 29-May 19....	47	30	
Tonkin.....	Jan. 1-31.....	1		
<b>Java:</b>				
East Java—				
Surabaya.....	July 24.....			Present.
<b>Mid-Java.....</b>				Apr. 21-May 15, 1918: Cases, 487; deaths, 359.
Samarang.....	July 24.....			Present.
West Java.....				Feb. 22-May 23, 1918: Cases, 792; deaths, 413.
Batavia.....	Feb. 22-May 23....	126	62	
<b>Persia:</b>				
Provinces—				
Kars, Province—				
Kazaroun.....				December, 1917: 3 or 4 deaths, reported daily.
Mahour-Milati.....				Present in December, 1917, with about 300 fatal cases reported.
Khorasan.....				Oct. 2-Nov. 16, 1917: Cases, 78; deaths, 56. In 7 localities.
Seistan.....				Nov. 4, 1917: Cases, 6. A part of this province or region ex- tends into Afghanistan.
<b>Philippine Islands:</b>				
Provinces.....				Apr. 28-June 8, 1918: Cases, 423; deaths, 258.
Bohol.....	Apr. 28-June 8....	35	29	
Capiz.....	Apr. 28-May 4....	1	1	
Cebu.....	May 5-25.....	7	1	
Leyte.....	Apr. 28-June 1....	106	57	
Misamis.....	do.....	239	135	
Surigao.....	June 2-8.....	4	3	
Sorsogon.....	Apr. 28-June 1....	31	31	
<b>Russia:</b>				
Petrograd.....	July 7.....			Present.
<b>Sweden:</b>				
Stockholm.....	July 15.....	5	1	From S. S. Angermanland from Petrograd, Russia.
<b>Switzerland.....</b>				July 26, 1918: Present.
S. S. Angermanland.....	July 14.....	8	1	At Stockholm; from Petrograd.

## **PLAGUE.**

<b>Arabia:</b>				
Aden.....	May 22-28.....		1	
<b>Argentina:</b>				
Buenos Aires.....	Apr. 20-May 22....	16	2	
Tucuman.....				In March, 1918, 3 cases in an in- stitution.
<b>Ceylon:</b>				
Colombo.....	Mar. 23-May 11....	13	13	
<b>China:</b>				
Hongkong.....	Apr. 14-May 25....	25	16	
<b>Ecuador:</b>				
Durán.....	Apr. 1-30.....	2		
Guayaquil.....	May 1-June 15....	28	10	
<b>Egypt:</b>				
Port Said.....	May 19-21.....	2	1	Jan. 1-May 23, 1918: Cases, 253; deaths, 160.
Provinces—				1 pneumonic.
Beni-Suef.....	Apr. 26-30.....	2	1	
Fayoum.....	Apr. 21-May 21....	7	4	
Keneh.....	May 16.....	1	1	
Minieh.....	Apr. 23-May 23....	26	11	Five septicemic.
<b>Great Britain:</b>				
Rochester.....	June 2.....	1	1	From s. s. Somali at Gravesend from Bombay.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—** Continued.

Reports Received from June 29 to Aug. 2, 1918—Continued.

## **PLAGUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>India</b>				
Bassein	Mar. 25-Apr. 27	.....	90	Mar. 31-Apr. 20, 1918: Cases, 58,400; deaths, 44,246.
Bombay	Mar. 24-Apr. 20	493	402	
Calcutta	Apr. 14-20	.....	31	
Benazda	Mar. 24-Apr. 13	.....	20	
Madras Presidency	Mar. 24-May 11	442	332	
Mandalay	Mar. 17-Apr. 20	.....	52	
Moulmein	Mar. 24-Apr. 27	.....	127	
Myingyan	Mar. 17-Apr. 14	.....	10	
Pegu	Apr. 14-20	.....	2	
Prome	Mar. 24-Apr. 27	.....	23	
Rangoon	Mar. 30-May 11	361	348	
Toungoo	Mar. 24-Apr. 27	.....	20	
<b>Indo-China</b>				
Anam	Jan. 1-Feb. 28	58	38	Jan. 1-Feb. 23, 1918: Cases, 275; deaths, 200.
Cambodia	do	128	120	
Cochin-China	do	85	40	
Saigon	Apr. 29-May 19	73	33	
Laos	Feb. 1-28	4	2	
<b>Java</b>				
East Java				Jan. 15-Apr. 8, 1918: Cases, 292; deaths, 196.
Residences—				
Djoejakarta	Jan. 15-Apr. 8	3	3	
Kediri	do	13	10	
Madison	do	30	30	
Samarang	do	82	81	
Surabaya	do	60	60	
Surakarta	do	12	12	
<b>Peru</b>				
Departments—				Apr. 1-15, 1918: Cases, 23. Jan. 1-June 30, 1917: Cases, 245; deaths, 122. July 1-Dec. 31, 1917: Cases, 169; deaths, 89. For distribution according to departments, see Public Health Reports, July 26, 1918, p. 1261.
Ancachs	Apr. 1-15	1	.....	
Libertad	do	16	.....	
Lima	do	1	.....	
Piura	do	5	.....	
<b>On vessel:</b>				At Gravesend, England, from Bombay. Further case developed June 2 in member of crew at Rochester, England.
S. S. Somali	May 19	3	1	

## **SMALLPOX.**

<b>Algeria:</b>			
Algiers	May 1-31	113	32
<b>Brazil:</b>			
Bahia	May 5-11	1	.....
Rio de Janeiro	May 5-18	11	3
Santos	Apr. 22-28	.....	1
<b>British East Africa:</b>			
Mombasa	Jan. 1-Mar. 31	.....	3
<b>Canada:</b>			
British Columbia—			
Victoria	June 23-29	4	.....
Do	July 7-13	1	.....
Manitoba—			
Winnipeg	June 9-22	5	.....
Do	July 7-13	1	.....
New Brunswick—			
Moncton	June 16-22	2	.....
Do	July 7-13	4	.....
Newfoundland—			
St. Johns	June 22-28	1	.....
Nova Scotia—			
Halifax	do	10	.....
Do	June 30-July 13	26	.....
Sydney	do	3	.....
Prince Edward Island—			
Summerside	July 9-15	1	.....
Quebec—			
Montreal	July 7-13	1	.....
<b>Ceylon:</b>			
Colombo	Mar. 23-May 4	8	1

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—** Continued.

Reports Received from June 29 to Aug. 2, 1918—Continued.

## **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>China:</b>				
Amoy.....	Apr. 1-May 19.....			Present.
Antung.....	May 23-June 9.....	6	1	
Chungking.....	May 12-18.....			Present.
Dairen.....	May 7-June 17.....	46	8	
Hongkong.....	Apr. 6-May 18.....	4	1	
Shanghai.....	Apr. 21-June 2.....	3		
Tientsin.....	May 19-June 15.....	10		
Tsingtau.....	May 6-19.....	10		
<b>Colombia:</b>				
Cartagena.....	May 21-27.....		1	
<b>Ecuador:</b>				
Guayaquil.....	Apr. 1-30.....	2		
<b>Egypt:</b>				
Alexandria.....	May 7-13.....	1		
<b>France:</b>				
La Rochelle.....	June 2-8.....	1	1	
Paris.....	Apr. 21-June 15.....	12	3	
Rouen.....	May 12-June 15.....	6		Including varioloid.
<b>Great Britain:</b>				
Liverpool.....	June 9-15.....	1		From vessel.
<b>India:</b>				
Bombay.....	Mar. 24-Apr. 6.....	731	356	
Calcutta.....	Apr. 14-20.....		60	
Karachi.....	Apr. 6-20.....	29	21	
Madras.....	Mar. 24-May 18.....	52	13	
Rangoon.....	Mar. 31-May 11.....	67	31	
<b>Indo-China:</b>				
Anam.....	Jan. 1-Feb. 28.....	566	93	Jan. 1-Feb. 28, 1918: Cases, 1,375; deaths, 291.
Cambodia.....	do.....	43	9	
Cochin-China.....	do.....	650	216	
Saigon.....	Apr. 29-May 19.....	134	45	
Kwang-Chow-Wan.....	Feb. 1-28.....	2	1	
Laos.....	Jan. 1-Feb. 28.....	8	1	
Tonkin.....	do.....	106	1	
<b>Italy:</b>				
Genoa.....	June 14-20.....	3	2	
Mezzojuso.....	May 29.....			Many cases. Province of Palermo, Sicily.
Milan.....				In April, 1918: Cases, 2.
<b>Palermo.....</b>	May 30-June 5.....	1		
Turin.....	Apr. 15-June 9.....	16	1	
<b>Japan:</b>				
Nagasaki.....	May 20-June 23.....	9		
Taihoku.....	May 21-June 10.....	14	6	Island of Formosa.
Tokyo.....	May 5-June 23.....	17		Feb. 14-Mar. 13, 1918: Cases, 15.
<b>Java:</b>				
East Java.....				Feb. 12-Apr. 8, 1918: Cases, 18; deaths, 1.
Surabaya.....	Feb. 26-Apr. 8.....	2	1	
Mid-Java.....				Feb. 14-May 15, 1918: Cases, 78; deaths, 1.
West Java.....				Feb. 22-May 23, 1918: Cases, 237; deaths, 59.
Batavia.....	Feb. 2-May 23.....	26	3	
<b>Mesopotamia:</b>				
Bagdad.....	Mar. 6-May 10.....	21	7	
<b>Mexico:</b>				
Aguascalientes.....	June 10-16.....		1	
Mazatlan.....	June 5-25.....		2	
Do.....	July 3-9.....		1	
Mexico City.....	May 19-June 22.....	78		
<b>Philippine Islands:</b>				
Manila.....	Apr. 28-June 8.....	647	419	Var.oid, 147 cases.
<b>Portugal:</b>				
Lisbon.....	Feb. 24-June 22.....	77		
<b>Russia:</b>				
Lithuania.....	Mar. 3-Apr. 13.....	31	3	
<b>Siberia:</b>				
Vladivostok.....	May 1-31.....	23	3	
<b>Spain:</b>				
Coruna.....	Apr. 28-May 4.....		1	
Malaga.....	Dec. 1-31.....		29	
Do.....	Jan. 1-31.....		16	
Seville.....	Apr. 1-30.....		1	
<b>Union of South Africa:</b>				
Johannesburg.....	Feb. 1-Mar. 31.....	29		
<b>On vessel.....</b>				One case. At Liverpool.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—** Continued.

**Reports Received from June 29 to Aug. 2, 1918—Continued.**

## **TYPHUS FEVER.**

Place.	Date.	Cases.	Deaths.	Remarks.
Argentina:				
Rosario.....	Apr. 1-30.....		1	
Austria-Hungary:				
Hungary.....				Feb. 25-Apr. 14, 1918: Cases, 166;
Budapest.....	Feb. 25-Apr. 14.....	30	1	deaths, 4
China:				
Antung.....	May 20-June 9.....	4		
Harbin.....	Jan. 1-Feb. 4.....	14		On Chinese Eastern Ry.
Manchuria Station.....	Jan. 15-21.....	2		Do.
Shanghai.....	May 5-11.....		1	
Egypt:				
Alexandria.....	May 7-June 3.....	832	214	
Germany.....				Mar. 24-May 11, 1918: Cases, 60;
				deaths, 9. Of these, 10 cases,
				2 deaths, Mar. 24-Apr. 6,
				among prisoners of war.
Great Britain:				
Belfast.....	May 26-June 1.....	1		
Edinburgh.....	June 9-15.....		1	
Glasgow.....	May 19-June 1.....	13	4	
Greece:				
Saloniki.....	Apr. 28-June 8.....		22	
Italy:				
Corato.....	May 6-June 2.....	4		Province of Bari.
Molfetta.....	May 6-June 9.....	25		Do.
Naples.....	Apr. 29-May 5.....	1		
Japan:				
Nagasaki.....	May 27-June 2.....	1		
Java:				
East Java.....				Feb. 12-Apr. 8, 1918: Cases, 25;
Surabaya.....	Feb. 12-Apr. 8.....	22	6	deaths, 7.
Mid-Java.....				Feb. 14-May 15, 1918: Cases, 21;
Samarang.....	Feb. 21-Mar. 20.....	5		deaths, 1.
West Java.....				Feb. 28-May 23, 1918: Cases, 75;
Batavia.....	Feb. 28-May 23.....	55	14	deaths, 14.
Mesopotamia:				
Bagdad.....	Mar. 29-May 10.....	84		
Mexico:				
Chihuahua, State—				
Parral.....	July 10.....			Epidemic; reported present from
Mexico City.....	May 19-June 22.....	186		about June 15, 1918.
Portugal:				
Lisbon.....	Feb. 24-May 25.....	5		
Siberia:				
Vladivostok.....	May 1-31.....	12	1	
Russia:				
Lithuania.....	Mar. 3-Apr. 13.....	1,585	67	
Poland.....	Mar. 10-Apr. 27.....	6,270	553	
Lodz.....	do.....	341	62	
Warsaw.....	do.....	2,562	273	
Tunisia:				
Tunis.....	May 18-June 14.....	8	2	
Union of South Africa:				
Cape of Good Hope State.....				Sept. 10, 1917-Apr. 21, 1918:
				Cases, 4,587 (European, 34);
				deaths, 939 (European, 25).
Natal.....				Dec. 1, 1917-Apr. 21, 1918: Cases,
				50; deaths, 11.

## **YELLOW FEVER.**

Brazil:				
Bahia.....	Apr. 27-June 13.....	16	5	
Ecuador:				
Guayaquil.....	Apr. 1-June 15.....	59	30	
Naranjal.....	do.....	2	1	